

SPRING 1919 CATALOG



Types of Giant Pansies



VIEW IN PANSY HOUSES

STATE NURSERY & SEED CO.

HELENA, . . . MONTANA.

Established 1890



ANNUAL CATALOG

29th Year

FOREWORD

Helena, Montana, January, 1919.

To Our Friends and Customers:—

It is with pleasure that we present our 1919 spring catalog, and also tender our thanks for your support and co-operation.

We are better equipped than ever before to supply the needs of the Amateur, the Market Gardener, Farmer, and Rancher with the necessary seeds and plants of the highest quality.

The same routine and care is given in filling and checking the smallest order as is given to an order requiring carload shipments.

The past season was one of the most arduous for the Seedsman—Nurseryman and Florist in the history of the business. The enormous draft on our forces of trained men for war needs, made it unusually difficult to fill orders promptly and correctly, and this was augmented by a shortage of many essential items in the seed line. These conditions still obtain to a great degree, but we are doing all in our power to obviate them.

As elsewhere noted in the following pages, we earnestly request our friends and customers to place their orders as early as possible, that we may be better able to get the order delivered to them on time. Orders should be accompanied by remittance, but we gladly continue to our old customers the credit which they have already established with our firm.

Thanking our ever increasing number of friends and customers for their patronage in the past 29 years of our business in Montana, and asking for a continuance of the same in the years to come,

Yours very truly,

STATE NURSERY & SEED CO.

DIRECTORS:

CONRAD KOHRS

T. E. MILLS

W. E. MILLS

OFFICERS.

T. E. MILLS, Pres. & Gen. Mgr.

WALTER CARD, Sec'y. & Treas.
and Mgr. Seed Department.

JOSIAH BOWDEN, JR., Cashier.

THIS ISSUE CANCELS ALL PREVIOUS ISSUES

PLANT DEPARTMENT

IMPORTANT—READ CAREFULLY

PLANTS BY EXPRESS

We always advise express for plants because we can send larger plants this way than by mail. Unless instructed to the contrary, we send pot grown plants in their pots, but it saves expressage to ship without pots, not merely because of the lessened weight, but by reason of the special discount allowed by the express companies on plants out of pots; so if you want plants without pots, please say so, and when received, customers should see that they get the special discount of 20 per cent from the ordinary rate. We always enclose extra plants of our own selection only, to aid in defraying express charges on orders not sent postpaid.

IMPORTANT

PLEASE REMEMBER THAT THE CUSTOMER PAYS THE EXPRESS, FREIGHT OR POSTAGE ON EVERYTHING IN THIS CATALOGUE UNLESS OTHERWISE STATED.

PARCELS POST

Most plants can be sent by parcels post, and the smaller trees and shrubs also. Wherever possible we have given postpaid prices. We cannot, however, be held responsible after delivery to the postoffice, and we must in all cases be the judge of the best method of shipment.

All Orders are acknowledged the day they are received by us.

If you do not receive your order as quickly as you feel that it should arrive, please to remember—that all orders are filled in rotation—that possibly your order is a little early and some part of it is not quite ready to ship, or the weather may be too cold to ship with safety, etc., etc.

IN WRITING WITH REFERENCE TO AN ORDER, ALWAYS REFER TO THE NUMBER FURNISHED YOU ON CARD ACKNOWLEDGING THE ORDER.

REGARDING PREMIUMS

In conformity with the law passed at the 1917 session of the Montana Legislature, which prohibits absolutely the giving or offering of premiums in any form, we have discontinued this form of advertising.

However, we will endeavor to more than offset any apparent disadvantage of this method by furnishing more goods, of better quality than is possible under that plan.

CATALOGUES ISSUED

JANUARY—Our complete general catalogue, covering everything for the Farm and Garden—profusely illustrated. (This one.)

EASTER—A special Flower and Plant List, of Plants and Cut Flowers for Easter decorations and remembrances to friends.

MOTHER'S DAY—The second Sunday in May. A special list of Cut Flowers—issued about May 1st.

FALL—SEPTEMBER—A catalogue of Dutch, French and other bulbs, for fall planting and winter plants for the house.

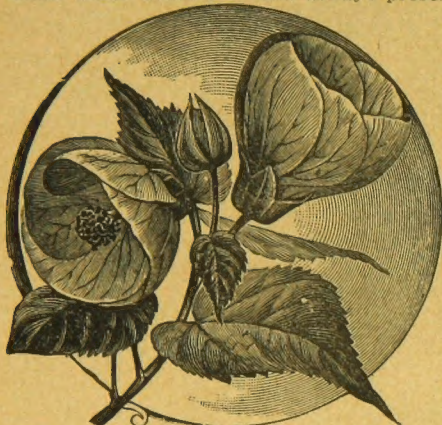
THANKSGIVING DAY—A special list of Cut Flowers, Plants, etc., for the festive season.

CHRISTMAS—A special list of Plants, Cut Flowers, Evergreens, suitable for Xmas decorations, and remembrances of the joyful occasion to your friends.

A postcard will bring you any of these in its season.

ABUTILON (Flowering Maple.)

A very desirable free-flowering plant for house culture. Succeeds under usual care and always presents a fresh appearance.



Abutilon.

Snowdrift—The best white.

Arthur Belsham—Orange Red.

Pink Beauty—Pale pink.

Savitzl—A variegated foliage Abutilon.

Golden Fleece—Pure yellow.

Mrs. Laing—Soft pink.

Crusader—A brilliant Red.

Each,
3-inch, 15c; 4-inch 25c;
5-inch, 35c.

Each (Postpaid),
3-inch, 20c; 4-inch, 35c;
5-inch, 45c.

**AGERATUM (Mauve Beauty.)****AGERATUM.**

Mauve Beauty—A most desirable dwarf border bedding plant.
Each, 15c; doz., \$1.50; postpaid, each 20c; doz., \$1.75.

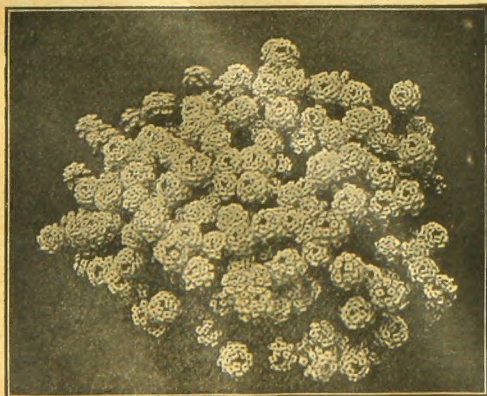
ALOYSIA CITRIODORA.

Lemon Verbena—An old favorite and should be in every garden.
Lemon scented foliage.
Each, 15c and 25c; postpaid, 20c and 30c

ALYSSUM.

Little Dorritt—A single Sweet Alyssum, of great value for borders and small beds.

Each 10c; doz., \$1.00
Each (Postpaid) 15c; doz., \$1.15



Sweet Alyssum.

ALYSSUM.

Double—An excellent variety for borders, window boxes, and urns.

Each 10c; doz., \$1.00
Each (Postpaid) 15c; doz., \$1.15

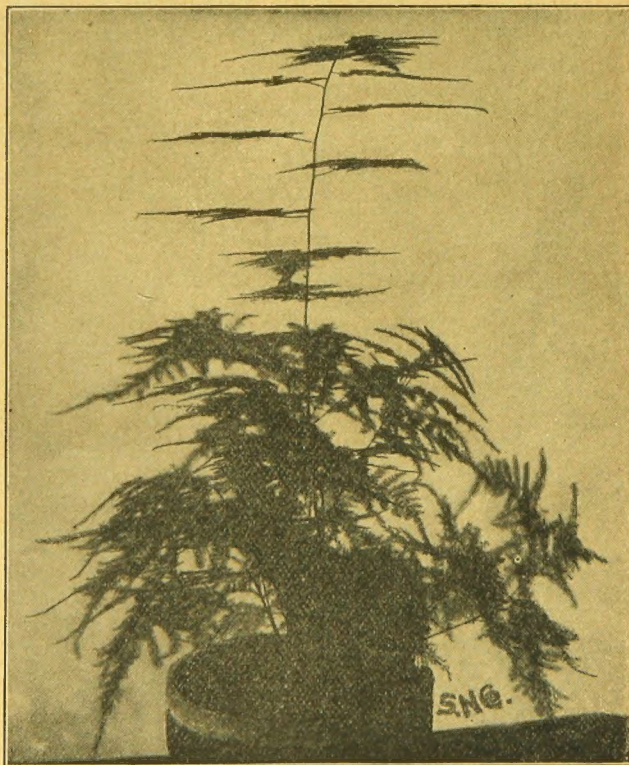


Antirrhinum.

ANTIRRHINUM (Snapdragon.)

A very desirable and satisfactory plant for the garden, a very free bloomer and excellent for cutting. Colors white, pink, yellow and red.

Pot Plants, each 15c; doz., \$1.50
Pot Plants (Postpaid) each 20c; doz., \$1.75
Seedlings (mixed) dozen 75c
Seedlings (mixed, postpaid) dozen 85c

**ASPARAGUS PLUMOSUS.**

Asparagus Plumosus (Asparagus Fern)—Owing to its graceful foliage and ease of culture, this is perhaps more in demand than any other house plant. We grow these in thousands. The smaller plants listed are the right size for Table Dishes, while the larger are suitable for Jardinieres, etc.

Each 15c and 25c
Each (Postpaid) 20c and 35c

ASPARAGUS SPRENGERI.

(See Cut—page 3)

Of great value for hanging baskets and for cutting. Of very easy culture requiring good soil and free watering.

Each 15c, 25c, 50c
Each (Postpaid) 20c, 30c, 60c



Asparagus Sprengeri



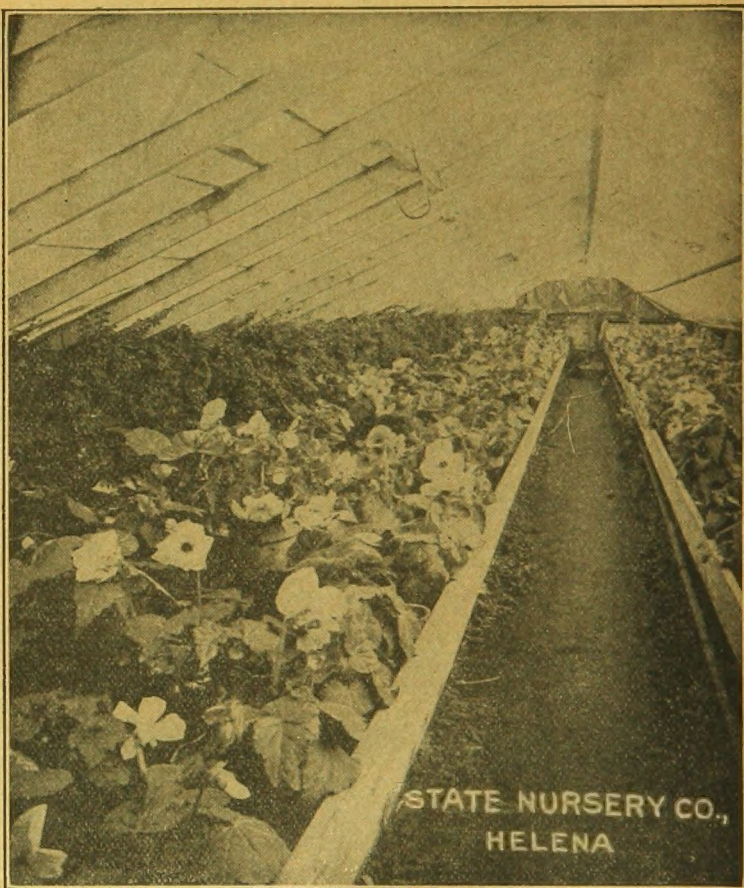
Late Branching Aster.

ASTERS.

Our strains of Asters are unsurpassed by any, and are prize-winners whenever exhibited. Sturdy plants of the early mid-season and late branching varieties. Colors: Pink, Shell-pink, Red, White, Lavender and Purple. Ready May 10. Doz., 50c; (Postpaid)60c.

BEGONIAS

Begonias are one of the best known and most popular house plants today. With their magnificent range of colors both in bloom and foliage and many of them of the most floriferous nature even under adverse conditions, it is little wonder that they are in such great demand. Our collection embraces the best varieties known to the trade.

**Tuberous Begonias.**

Tuberous Begonias are the most prolific bloomers with the largest flowers of any of the genus. The range of colors is bewildering, of wonderful value for summer decoration, and easy culture. Plants each, 35c and 50c. Tubers each, postpaid, 10c.

Fibrous Rooted Begonias.

Alba Picta Rosea—Dark green foliage spotted with silver, flowers pink.

Argenta Guttata—Brilliant bronze green foliage spotted with white and white flowers.

Bertha de C. Eocher—A handsome sort, with bright deep pink bloom.

Festil—(Beefsteak Begonia)—An old favorite, with large fleshy round foliage, deep almost bronze green, of a reddish color on the underside, bearing large spikes of rosy pink blooms late in winter or early spring.

Sandersonii—Scarlet, a winter bloomer.

Luminosa—Brilliant dark scarlet, a constant flowering variety.

Metallica—Velvety foliage, rosy, white bloom.

Rubra—Deep coral pink flowers, foliage a bronze and green.

Any of the above varieties, each 15c, 25c and 50c. Postpaid 20c, 35c and 60c.

Glorie de Chateleine—A recent acquisition of great merit, with rosy pink flowers, produced in great profusion. A wonderful Xmas Begonia.

Priceeach 25c and 50c
Postpaid35c and 60c

BEGONIA REX.**Painted Leaf Begonias.**

(See Cut Page 4)

Kaiser Wilhelm—Deep velvety green leaf with darker edge.

Mrs. A. G. Shephard—Silver leaves marked with other pretty shades.

Walter Lamb—Rich green and silvery white.

Louis Closson—A beautiful bronze.

Each, 25c, 35c; postpaid.....35c; 45c



Begonia Rex.

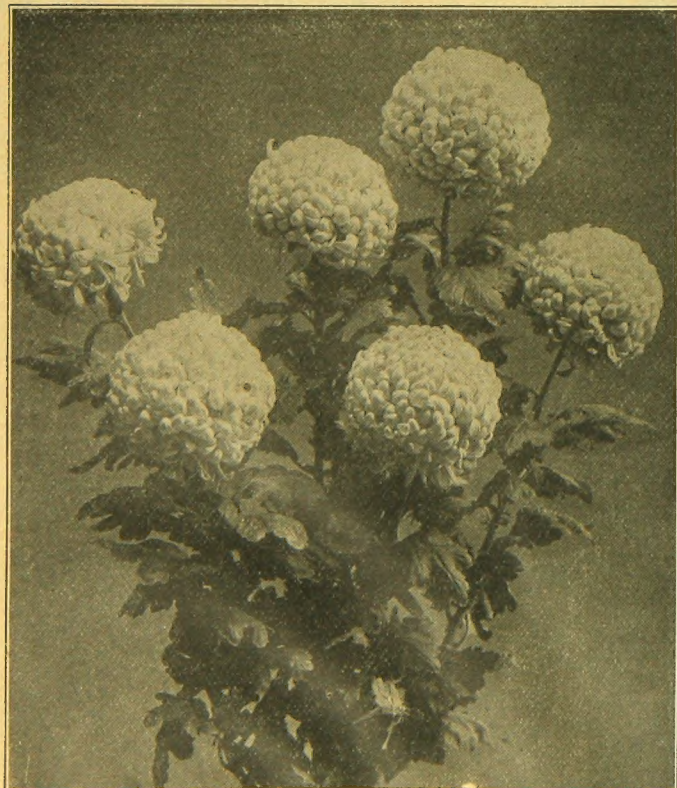
CANARYBIRD VINE.

The demand for this lovely climber is always a large one owing to its great suitability for porches and trellises. Most persons prefer plants well started to the uncertainty of seeds planted out of doors.

Each 10c; doz., \$1.00
Each (Postpaid) 15c; doz., \$1.15

CHRYSANTHEMUMS

THE EXCLAMATION POINTS OF NATURE.

Type of Large Flowering Varieties.
CHRYSANTHEMUMS.

Owing to the early frosts of this section, it is impractical to grow these most beautiful of all fall plants to maturity. But they can be successfully grown in the garden until September, when they should be lifted and potted. Then in the house, they will give a wealth of bloom and beauty that will more than repay for the slight trouble entailed.

LARGE FLOWERING VARIETIES.

Richmond—Bright golden yellow.
Tiger—A fine yellow of unusually fine color. This variety was named by President Wilson.
Woodside—An enormous yellow.
Wm. Turner—Snow white, of enormous size. One of the largest whites known.
Yellow Wm. Turner—Identical in form and size with White Turner, except in color, which is a bright yellow.
Oconto—A beautiful white.
Chieftain—A large incurved pink. A handsome flower.
Pink Gem—An exhibition variety of a splendid soft, pleasing pink. Refined in effect with splendid foliage.
Golden Glow—A pretty golden shade, flowers from six to eight inches across, October.
A. J. Balfour—Dwarf deep pink. November.
Chadwick—Christmas flowering; white tinged with pink.
Golden Chadwick—Lovely Golden yellow; Christmas flowering.
October Sunshine—Yellow.
Maj. Bonnaiffon—A beautiful incurved glossy yellow. One of the best.
August Dasse—Golden yellow, strong stems.
White Chieftain—Large incurved white. November.
Gertrude Peers—Crimson, large and grows in bushy form.
Chrysalora—A large incurved, yellow; strong and robust.
Chas. Bazar—A fine large white, splendid stem and foliage.
Pattie—A very delicate pleasing shade of pink.
Wells Late Pink—Light pink. One of the finest.
W. H. Lincoln—A clear yellow; strong, stiff stems.

**FANCY SINGLE VARIETIES.**

These fill a unique position in that they come between the larger standard varieties and the pompons.

Emilie—A soft rose pink and lasts well.
Sylvia Slade—Rosy garnet, with broad white ring around the disc.
Mary Richardson—Has color like sunshine on old gold, with a salmon bronzy tinge.
Ena Reimers—Beautiful terra cotta shade, good stiff stems.
Alexander Rowbottom—Deep bright crimson.
Mensa—Purest white; a splendid variety.
Pink Beauty—Beautiful pink; very handsome variety.
W. Buckingham—A grand vigorous pink.
Golden Mensa—Quite new and proving popular.
Garza—White, Anemone flowered. Very handsome.

POM-PON CHRYSANTHEMUMS.

Small flowering and valuable for cutting. Make dainty and picturesque house plants, the masses of blooms being pink, white, yellow and bronze.

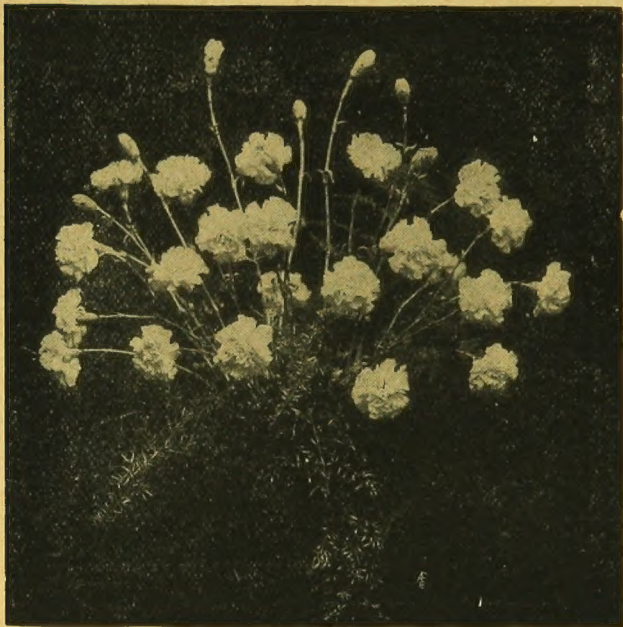
Baby—Miniature yellow; flowers half inch in diameter.
Elva—Choicest white pom-pom.
Acto—Bright rose.
Black Douglas—Rich red.
Klondike—A favorite yellow.
Helen Newberry—White.
Mrs. Frank Beu—The favorite of all the Pom-poms. Color a red-dish yellow.
Diana—Pure white, very fine.
Lillian Doty—Large pink, a splendid sort.

EARLY FLOWERING VARIETIES.
(Especially Adapted for Pot Plants.)

Kathleen Thompson—Crimson.
Source d'Orr—Orange, shaded gold.
Butlers Caprice—Rosy pink.
White Cap—Pure White.
Yellow Cap—Pure Yellow.
Lizzie Adcock—Deep Yellow.

Prices for all Chrysanthemums—Plants ready March to July 15c each; doz., \$1.50
Postpaid, each 20c; doz., \$1.65

CARNATIONS



Carnations.

Carnations are today the most popular flower grown in this country and are more in demand for cut flowers than any other. Something of the enormous demand for these flowers may be gathered by our readers when it is realized that we devote one entire range of glass—requiring about 50,000 plants to fill the beds, to the production of this flower alone, to supply the wants of our customers. The following list comprises the cream of these fragrant flowers.

YELLOW.

Yellow Prince—A distinct novelty in carnations, with deep lemon yellow flowers. Every grower and lover of carnations will want this variety.

CARNATIONS—White.

Matchless—Well named The Matchless White. Flowers extra large and wonderfully fragrant.
White Wonder—"The largest and most productive white," and very popular.

CARNATIONS—Scarlet.

Pocahontas—Large blooms, of deep rich maroon red. One of the finest deep red Carnations yet introduced.
Beacon—One of the best scarlet Carnations we know of.
Belle Washburn—A beautiful brilliant red.
Nebraska—A wonderful scarlet carnation.

CARNATIONS—Pink.

Alice—A beautiful shade of clear blush pink; flowers when fully developed 3 to 3½ inches.
Alice Coombs—Flesh pink, with large well fringed blooms.
Mrs. C. W. Ward—Deep pink.
Enchantress Supreme—Salmon pink.
Nancy—Shell pink, fringed, a handsome flower.
Philadelphia—The ideal rose pink Carnation. Ideal in color, productiveness and size of bloom.
Rosette—A fine free blooming deep rose pink, fine for both pot and bench growing.
Superb—A handsome salmon pink. Very large and free flowering.
Benora—Variegated variety, white, marked with red, long stiff, erect stems, with large blossoms.
Any of the above varieties:
Each, 15c; postpaid.....20c
Doz., \$1.50; postpaid.....\$1.65
Large blooming plants, 35c and 50c

THIS ISSUE CANCELS
ALL PREVIOUS ISSUES



Cineraria.

We can supply magnificent specimens of this elegant house plant in bloom from December to April. A most beautiful gift plant in a rich variety of color.
Each35c to 75c
These can only be sent by express.

COBEA SCANDENS.

The Cobea vine is one of the best of our climbers, growing to a height of 8 to 10 feet. Purple seems to be more in demand, but where planted in large numbers we suggest an intermingling of the white variety.
Each10c, doz., \$1.00
Each, from 3-inch pots (postpaid).....15c; doz., \$1.25

CREeping CHARLIE.

(Linaria, Kenilworth Ivy.)

A beautiful creeper suitable for baskets, vases, trailing around the window or rock work.
Each10c; postpaid, 15c

CUPHEA.

Platycentra (Cigar Plant.)

Plant is covered with bright scarlet flowers and makes a very attractive house plant. The plants are useful for vases or basket decorations.
Each10c; doz., \$1.00
Each (Postpaid)15c; doz., \$1.15



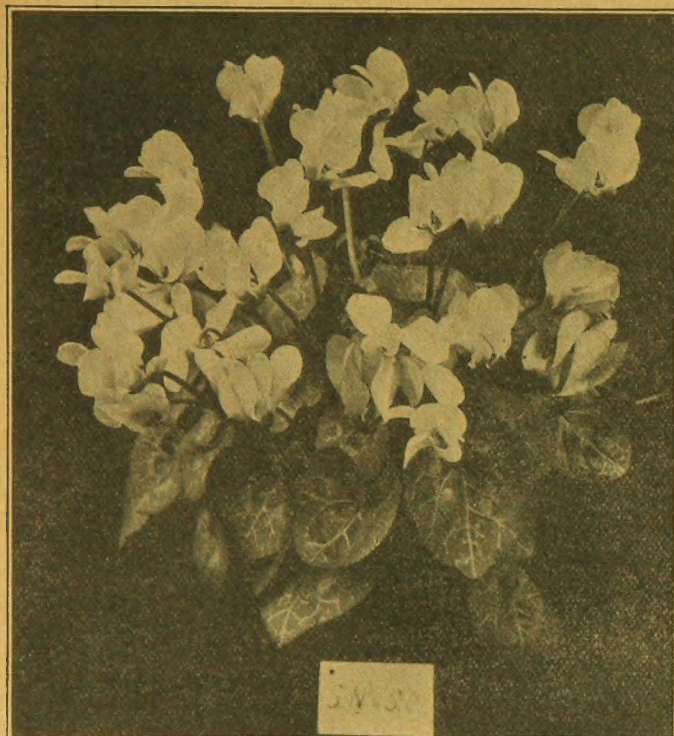
Coleus.

COLEUS.

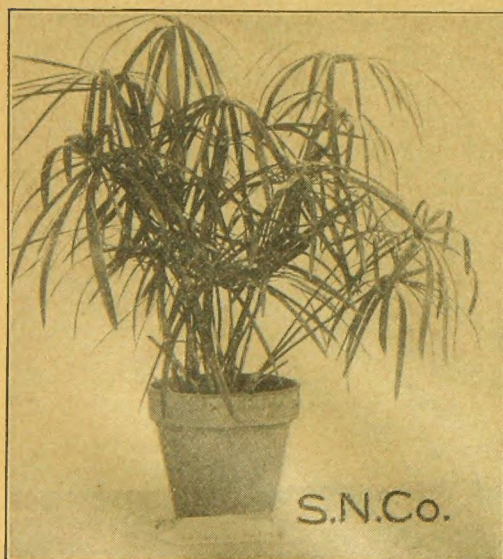
This well known foliage plant is adapted for both bedding and window purposes.

Fancy Varieties
— Collection of 6 varieties in beautiful shades of crimson, velvety maroon and yellow.

Each15c
Postpaid,20c
Collection of 675c
Postpaid85c
Larger plants at25c

**CYCLAMEN.**

Cyclamen are perhaps the finest and most satisfactory winter blooming plants grown. They possess great beauty of both foliage and flower, and are of the most easy culture. They are in bloom from early fall until early spring, and for winter gifts are unequalled. We can supply plants in bloom from November to March 1st. Colors—Red, Pink, Salmon Pink, and White. Each—50c; \$1.00; \$1.50; \$2.00. Dormant or semi-dormant bulbs can be supplied from March 1st to June 1st, at 25c and 50c each.



Cyperus Alternifolius.

**CYPERUS
ALTERNI-
FOLIUS—**

(Umbrella
Plant)

An unusually fine plant for decorative purposes of extremely easy culture. Requires plenty of water and may be grown as a semi-aquatic.

Each 25c to 50c.
Postpaid 30c to 60c.

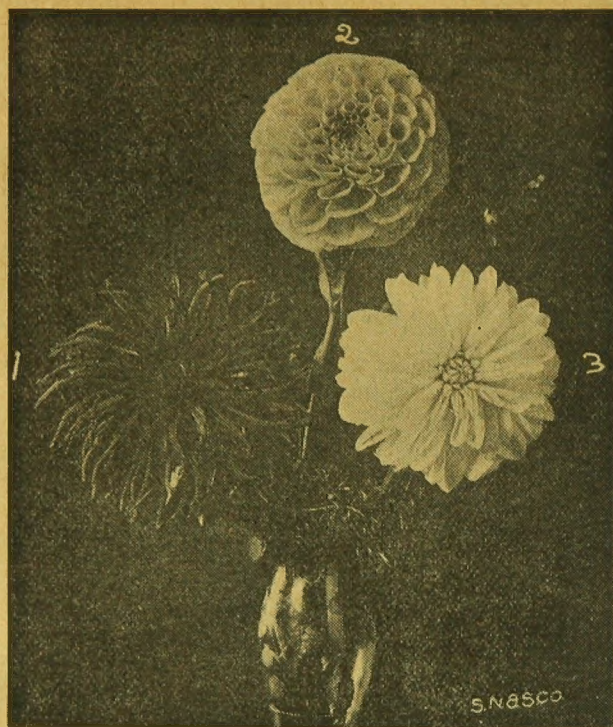
DAHLIAS

The list of these exquisite and free flowering plants which we offer, is composed of the sorts which we have found after careful test to be best suited to this climate. In case the stock of dormant roots is exhausted, of some varieties, we supply good strong plants from 4-inch pots. In many sections these are used almost exclusively.

CULTURE.

Plant in a well drained position and where they will receive the greatest amount of sun. The soil should be made loose and a liberal amount of fertilizer added before planting. Well decayed manure is very satisfactory as a fertilizer. Do not set out plant until all danger of frost is over. This should be specially noted in the case of potted plants. Dahlias should be lifted immediately after the first killing frost and stored in a cool place over winter.

(For Prices of Dahlias See Page 8.)

**THREE BEAUTIFUL DAHLIAS.**

- 1—Cactus Dahlia—Tos Abelin.
- 2—Show Dahlia—Lucy Fawcett.
- 3—Decorative Dahlia—Kaiserin Augusta Victoria.

CACTUS DAHLIAS.

These are of a lighter formation and much used for cut flowers.

Ella Kramer—Rose pink, one of the best.

Mrs. W. H. Baby—Cream white, large.

Sparkler—Very bright scarlet.

Spitfire—A fiery scarlet.

Shooting Star—Pure yellow with very fine form.

Brunhilda—Dark maroon.

Jamaica—Rich plum color.

J. H. Jackson—The best Dahlia yet out; almost black.

Harbor Light—Orange red overlaid with flame color.

Tos Abelin—A brilliant fiery red; a fine, large, refined flower of perfect incurved form; produced in the greatest profusion on long stiff stems. A fine cut flower.

Earl of Pembroke—Bright plum color. Very fine.



Goldland—A primrose yellow of great merit.

H. F. Robinson—Clear golden yellow.

Iceberg—Ivory white.

Mrs. Jewett—Deep salmon.

Alight—Rich orange scarlet.

Schneekoinogen—Pure glistening white, with most perfectly arranged petals. A very valuable variety for cut flowers.

Sparkler—Cactus Type.
(For Prices of Dahlias See Pages 7 and 8.)

**PEONY FLOWERED
DAHLIAS.**

This beautiful type has large artistic flowers, best compared to the semi-double peonies in general form. They all flower very freely and are borne on long strong stems, making excellent material for cutting and delightfully fragrant.

Rheingau—Showy brilliant scarlet.

Geisha—The showiest and most attractive of this type yet introduced; of an effective and rich combination of scarlet and gold.

Glory of Baarn—Soft pink.

La Rainte—Charming lavender pink.

Phenome—Rosy salmon shaded yellow.

Queen Emma—Pink, inner petals banded with gold.



Rheingau—Peony Flowered Type.



Le Grand Manitou—Decorative Type.

SHOW AND DECORATIVE DAHLIAS.

Le Grand Manitou—A gigantic flower of white, striped and splashed with reddish violet. The largest and best decorative dahlia.

Dorothy Peacock—Clear, live pink.

Glorie De Guiscard—A combination of orange, red, yellow, pink and white. Very novel.

Norma—Bright orange, free flowering.

Wm. Dodds—Very large clear yellow.

Oban—A fine mauve.

Mrs. Winters—Pure snow white; very large.

Storm King—White; one of the best.

A. D. Livoni—Light pink; very fine for cutting.

Le Phare—Rich red.

Delice—Bright pink, suffused with lavender pink. Decorative.

Reggie—Cherry red, very large flowers. Decorative.

Clifford W. Bruton—Large bright yellow.

Capt. of Maroon—The leader in its color.

Jack Rose—The best red of all.

Meteor—Deep red; fine form.

Maid of Kent—Cherry red, tipped with white.

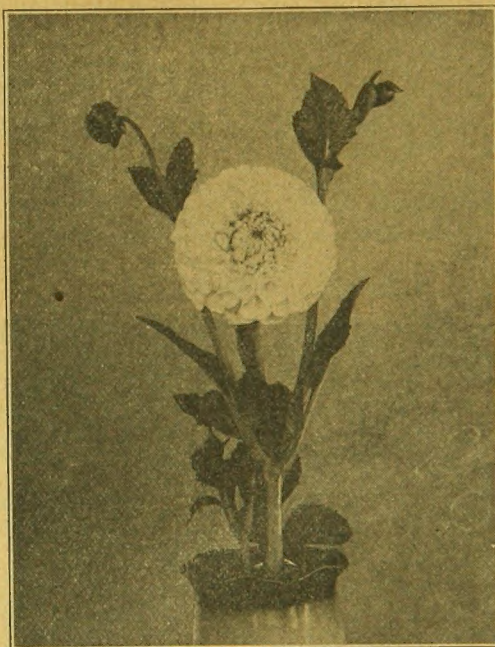
Lucy Fawcett—Pale yellow, striped with pink.

Arabella—Pink, suffused with lemon yellow.

Mrs. Dexter—Large orange red.

Elegans—Beautiful large magenta.

Robert Bromfield—Pure white, large flowered. Show type.



Storm King—Show Type.

Perle de la Tete d'or—White faintly veined with lavender. One of the best.



Delice—Decorative Type.

Souvenir de Gustav Doazon—One of the largest Dahlias grown. Specimen flowers of this variety have been produced measuring 9 in. in diameter. Orange red in color, and of perfect form.

John Walker—A splendid white of exceptional value.

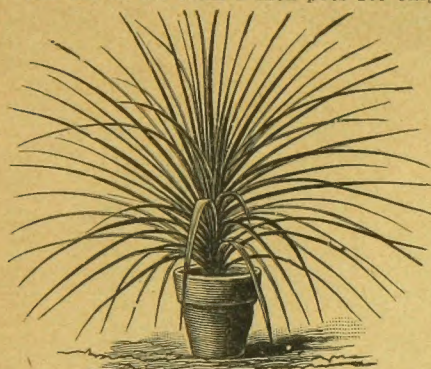
PRICE OF DAHLIAS.

1-year old roots each 30c. Postpaid, 35c.
 Plants from 4-inch pots each 25c. Postpaid, 30c.
 Plants from 3-inch pots each 20c. Postpaid, 25c.

SPECIAL COLLECTIONS.

For those of our customers who are desirous of a selection of real merit, we offer the following superb collections:—

1 each of the following six decorative Dahlias:
Gettysburg, A. D. Livoni, Capt. of Maroon, Le Phare, Maid of Kent, Elegans. 1-year old roots, postpaid, for only \$1.75.
 1 each of the following six Cactus Dahlias:
Sparkler, Ella Kramer, Spitfire, Jamaica, Brunhilda, Harbor Light. 1-year-old roots, postpaid for only \$1.75.
 1 each of the following six Peony flowered Dahlias: **Reingau, Geisha, La Rainte, Glory of Baarn, Phenominal, Queen Emma.**
 The set of six from 3-inch pots for only \$1.00. Postpaid \$1.15.

**Dracena Indivisa.****DRACENA**
(Indivisa.)

Tropical looking foliage and extensively used in outdoor vases or porch. Each, 25c, 50c, \$1.00. Postpaid, 35c, 65c and \$1.25.

DAISIES.**Bellis Perennis—English Daisy.****Daisies.**

Like Pansies—the Daisies for beds or borders in the garden or cemetery are very much in demand. Blooming plants in pink or white ready May 1st.

Dozen 60c
 Dozen (Postpaid) 75c

Dupuyer, Mont., June 8, 1918.
 State Nursery & Seed Co., Helena, Mont.

Gentlemen:—I received the plants in perfect condition, and am better pleased with them than I thought I could be, because of their being sent by mail. Sorry it is too late for the Rhubarb and you may send the enclosed list in its place.

Yours very truly,
 MRS. J. A. COOK.

FERNS**Adiantum Cuneatum.**

Adiantum Cuneatum—The True Maiden Hair Fern. One of the handsomest Ferns in existence, and well known from its great use in bridal bouquets.

Each 25c and 50c
 Each (Postpaid) 30c and 60c

**Aspidium Tsussimense.**

Aspidium Tsussimense—A great favorite for Fern Dishes, and one of the best.

Each 15c and 30c
 Each (Postpaid) 20c and 40c

Nephrolepis Elegantissima (The Tarrytown)—Another fancy Boston and a very valuable addition where fine foliage is desired.

Each 25c, 35c, 75c, \$1.50 and \$2.50

FERN DISHES—FILLED

Prices according to size of dish and number of Ferns used. Usually from 75c to \$1.50. We also carry a complete stock of Fern Dishes.

**Boston Fern.**

Nephrolepis Bostoniensis—(Boston Fern) This is the general favorite with all lovers of house Ferns. More plants of this one variety have been sold than of any other one variety, and the demand is still increasing. To meet the constant demand for plants suitable for presentation to friends, we have a "SPECIAL" in this type.

Each 25c, 35c, 50c, 75c, \$1.00, \$1.50
 Postpaid 35c, 45c, 60c, 85c, \$1.20, \$1.75
 SPECIAL—For presents, each.....\$2.50 to \$4.00

**Pteris Tremula.**

Pteris Tremula (Lace Fern)—Splendid for the house.
 Each 25c to 50c; postpaid.....30c and 60c

**Pteris Serrulata Crestata.**

Pteris Serrulata Crestata—A crested type of Serrulata and very attractive.

Each 25c and 30c
 Each (Postpaid) 20c and 40c

Pteris Serrulata—Very ornamental.

Each 15c and 30c
 Each (Postpaid) 20c and 40c

Pteris Alba Lineata—Cream striped foliage.

Each 15c and 30c
 Each (Postpaid) 20c and 40c

Pteris Wimsetti—A beautiful crested variety.
 Each 15c and 30c; postpaid 20c and 40c.

**Crytomium Falcatum—(Holly Fern.)**

Crytomium Falcatum—The popular Holly Fern. Very suitable for Fern Dishes and makes a perfect specimen plant. The leaves are thick and a beautiful holly-green color.
 Each, 15c, 30c; postpaid.....20c and 40c

Polypodium Aureum—(Rabbits Foot Fern)—An old favorite, of very easy culture, tall growing and very graceful.

Each 25c, 50c, \$1.50, \$2.00
Postpaid 35c, 65c

The larger sizes by express only.

HARDY FERNS—For the garden

Strong roots of these beautiful native hardy Ferns in variety, gathered on the main range of the Rockies. Unequaled for outdoor rockeries and shady corners.

Each, postpaid, 50c



Forget-Me-Not.

FORGET-ME-NOT.

(*Mysostis Palustris*.)

This is an improved strain of this old favorite, and wonderfully free flowering.

Each 15c; doz., \$1.50.
Postpaid, each 20c; doz., \$1.65.

FUSCHIAS.

A favorite with our grandmothers and a favorite still. With their wonderful combinations of color and free flowering proclivities they are also of very easy house culture, and may be depended upon to bloom all summer. The following named varieties are the best known to the trade.



Fuschia—Black Prince.

Black Prince—Red single.

Chas. Blanc—Deep red and rose, single.

Lustre—White and scarlet, single.

Mrs. E. G. Hill—White and red.

Phenomenal—Red and purple, large double.

Trophee—Double purple corolla, crimson tube and sepals.

Little Beauty—Beautiful red sepals with purple corolla, single.

Lord Byron—Single variety, superb shades of red and deep purple.

Teuner—Very red sepals with light purple corolla.

White Beauty—Red sepals with white corolla, single.

Each 15c; doz., 25c.

Each (Postpaid) \$1.50.

Dozen (Postpaid) \$1.65.

Larger Plants, 25c, 35c and 50c.

GENISTA FRAGANS.

A simply beautiful and highly fragrant early spring blooming plant of bushy habit and extremely free flowering nature. The flowers are yellow, of small pea flower shape, and borne in spikes which almost cover the plant. In great demand for Easter decoration.

Each 25c, 50c, \$1.00
Postpaid 35c, 60c

Large sizes by express only.

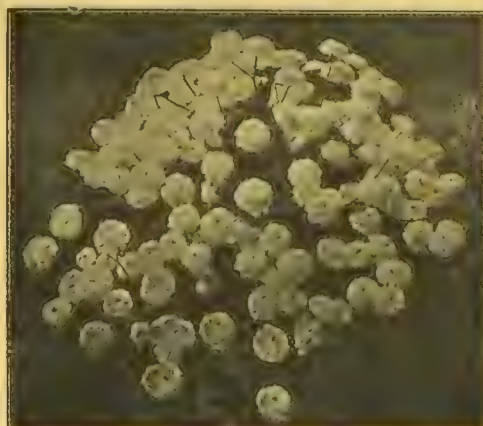


Ficus Elastica.

FICUS—(Rubber Plant.)

Ficus Elastica—Admirable for the house and easily taken care of.

Each 50c, 75c and \$1.00
Larger specimens, \$2.00 and \$3.00



FEVERFEW.

(Pyrethrum.)

Another old favorite, blooming continuously through the summer and fall, with double white flowers. Very freely produced.

Each 15c; doz., \$1.15
Postpaid 20c; doz., \$1.75

GERANIUMS

The following list of these popular plants both for house use and bedding purposes will be found to contain only the best and most desirable varieties known. We are constantly testing and trying out new varieties, and only when we have proved them suitable for this section do we add them to our list.

STANDARD VARIETIES. (Double.)

- Helen Mitchell**—This is a recent introduction of great merit. It is a semi-double, of a clear scarlet color, with very large florets and truss. Foliage a lustrous green, of a bushy compact habit of growth. Very early and free bloomer.
- Alphonse Ricard**—Bright Vermillion.
- E. H. Trego**—Beautiful dazzling scarlet.
- Beautie Poitevine**—Salmon pink, the best of its color.
- La Favorite**—White one of the best.
- Louis Madeline**—A deep pleasing rose color.
- Marquis de Castellaine**—Crimson, with immense trusses of bloom.
- M. Jules Dispot**—Combination of red, violet and lilac, quite dark.



One of Our Many Geranium Houses.

- Red Wing**—Bright scarlet, striking bedder, good for cutting.
- S. A. Nutt**—Dark crimson, the best bedder of all. A great demand for this every year.

- Jean Viaud**—Grand pink bedder.
- Madonna**—Snow white, good bedder.
- M. Paul Blondeau**—Bright rose, very large flower.

(Single Varieties.)

- Col. Gillan**—Bright scarlet maroon, markings very brilliant.
- Gen. Wolseley**—Rosy scarlet, showy and effective.
- Mme. L. Moyot**—White center, vermillion border.
- Mme. P. Morlan**—Rosy Salmon, free bloomer.
- Michele Savery**—Salmon pink, shading to white.
- Sentinel**—Dark crimson, round flowers.
- Scaramouche**—Salmon, shading to white at tip of petals.
- Vera Oulianesk**—White, clear, round, perfect flowers.
- Yvette Prost**—Rosy pink, fine for cutting or window boxes.

Prices—Single or Double—

Each from 3-in. pots.....	15c; doz., \$1.50
Each from 3-in. pots (postpaid).....	20c
Doz. from 3-in pots (postpaid).....	\$1.65
Each from 4-in. pots.....	25c; doz., \$2.50
Each from 5-in. pots.....	50c; doz., \$5.00
Larger plants	75c each
Large plants by express only.	



Helen Mitchell.

STATE NURSERY & SEED CO.,
Helena, Mont.

Gentlemen:—

I ordered plants from you about a month ago, and was more than pleased with them. The same plants elsewhere would have cost me double what I paid for them. I will be pleased to receive the enclosed order at the earliest possible moment.

Yours truly,
MRS. E. C. MITCHELL.

Dutton, Mont., May 3, 1918.

GERANIUMS (Continued)



Gen. Wolseley.



Ivy Leaved Geranium.

IVY LEAVED GERANIUMS.

This class of Geraniums is rapidly growing in popularity and never fails to please those who desire a really valuable window plant. They are very free bloomers, and lend themselves splendidly to house culture.

James Atfield—Large pink double flowers, very fine.

Pierre Crozy—A single free bloomer of intense scarlet.

Leopard—Lavender pink dotted with crimson.

Souvenir de Chas. Turner—Deep bright pink.

Achievement—Rose with white eye.

La Eleganta—Beautiful variegated foliage.

Wm. Tracy—Double light pink, a rather short habit of growth. Very fine.

Each, from 3-in. pots.....15c; doz., \$1.50

4-in. pots.....25c; doz., \$2.50

Each (Postpaid), from 3-in. pots....20c; doz., \$1.75

Each (Postpaid), from 4-in. pots....30c; doz., \$2.75

VARIEGATED AND SCENTED GERANIUMS.

Happy Thought—Leaves yellow center bordered with green. Flowers rose.

Madame Salleroi—Bushy variety, used for borders; goes well with Lobelia.

Mountain of Snow—Fine foliage variety, silver edge, flowers red.

Mrs. Pollock—Foliage yellow, green and red variegation. Flowers red.

Balm—The well known large foliaged rose scented geranium.

Lemon—The small foliaged old-fashioned Lemon Geranium. Very fragrant.

Rose-Scented Geranium—Very popular. Flowers pink.

Shrubland Pet—A new Rose-Scented Geranium, with pink blossoms, and of free branching growth. Foliage highly fragrant.

Each, in 3-in. pots.....20c; doz., \$2.00

Postpaid25c; doz., \$2.25



PELARGONIUM—Easter Greeting.

PELARGONIUMS—(Martha Washington Geraniums)

Easter Greeting—One of the most desirable plants of this class that can be grown. Its flowers, which are borne in great profusion from March until late fall, are a fiery amaranth red, each petal bearing a blotch of deep brown or black and very large, often measuring from two to three inches in diameter. It is of a very compact and bushy habit, and of easy house culture. It is nearly impossible to say too much in recommendation of "Easter Greeting". Wherever a plant is desired for the house that will bloom continuously throughout the summer, no mistake will be made by selecting "Easter Greeting" for the purpose. Our plants this season are unusually fine and healthy, and cannot fail to please.

Wurtenbergia—Similar in habit to Easter Greeting, with flowers of a vivid crimson.

Lavender Gem—Another of the Easter Greeting type, with beautiful lavender-pink flowers.

Rose Bard—A beautiful shade of pink.

Mons. Herzog—Reddish pink.

Crimson King—Intense crimson, free flowering.

King Oscar—Blush pink, shaded maroon and red.

Mrs. Bradshaw—Pure white, a profuse bloomer.

Princess May—Very light pink.

W. C. Boyce—A beautiful shade of salmon.

Each	20c, 35c and 50c
Each (Postpaid)	30c, 45c and 60c

THE PANSY GERANIUM.

Madam Loyal—This is another of the plants a favorite with our grandmothers, and is rapidly coming into another well deserved reign of popularity. Of the most easy house culture and a most profuse bloomer.

Each	25c; doz., \$2.50
Postpaid	30c; doz., \$2.75



Gladiolus America.

GLADIOLUS

Very attractive summer flowering bulbs and in which wonderful improvements have been made. To get the very best results they should be planted in a good sandy loam and where they get the most sun possible. Good spreadings of well rotted stable manure is the best fertilizer. Care should be taken in planting, bulbs being set from 4 to 6 inches deep and from 4 to 5 inches apart each way. In the fall, before frost, the bulbs should be lifted the stems cut off; place the bulbs in a cellar or some place away from the frost until planting time in the spring.

America—Large flesh-pink flowers.
Augusta—Pure white with blue antlers.
Mrs. Frances King—Light scarlet.
Brenchleyensis—Vermillion scarlet.
Priniceps—Rich crimson, with white blotches on lower petals.

Price, each, 5c; (Postpaid).....	doz., 60c
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CHILDISI COLLECTION OF GLADIOLUS.

A collection for general planting, and as these can be planted among other plants without in the least interfering with the growth of either, we strongly advise our customers to plant at least one dozen.

Price per doz. (Postpaid).....	60c
Price per 100 (Postpaid).....	\$3.00

S. N. AND S. CO.'S COLLECTION OF GLADIOLAS.

Comprises the best varieties, both as to flowering and beauty of color.

Per doz. (Postpaid)	60c
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Porch and Window Boxes
Hanging Baskets



Sample of the Beautiful Effect Attained in Porch Decoration by Hanging Baskets and Porch Boxes.

Hanging Baskets can be sent by express to almost any point with safety, but porch and window boxes do not permit of shipment in this manner. If you will send us the sizes of the boxes you desire to fill, we will take pleasure in promptly mailing you a list of plants suitable for the same and their cost prepaid to you. Always give the exposure—North—East—West or South in writing for list of plants suitable for porch boxes. In making porch boxes, it will be found that a width of 7 inches, and a depth of 8 inches, inside measurement, is sufficient. If the place to be filled is six feet or over in length, it will be found best to make the box in two or more sections, for convenience in handling. Always see that holes are bored in the bottom to allow for the necessary drainage.

HANGING BASKETS



Hanging Baskets.

Prices vary with the class and values of the plants with which the baskets are filled. We can assure our customers that our selections and filling, by artists in this line, can not fail to satisfy even the most critical taste.

Each, 10 inches wide.....	\$1.50 to \$2.50
Each, 12 inches wide.....	\$2.50 to \$3.50
Each, 14 inches wide.....	\$3.50 to \$5.00

By express only.

HELIOTROPE



Heliotrope.

Heliotropes will succeed in or out of doors. Their exquisite perfume makes them a favorite everywhere.

Centifleur—One of the newer forms of medium lavender color, with enormous heads of bloom.

Elizabeth Dennison—A very compact large flowered form almost violet in color.

Florence Nightingale—A lavender colored type, very floriferous.

Each	15c, 25c and 50c
Each (Postpaid)	20c, 30c and 60c

This Issue Cancels Previous Issues.

HYDRANGEAS



Hydrangea Otaska.

These half hardy shrubs are in great demand as house, porch or garden plants, the varieties listed are of the very best and of easy culture. During winter the plants should be kept cool but never permitted to freeze and only sufficient water to prevent the roots from drying up.

To obtain the blue shades, thoroughly mix with the soil in which the varieties known as **Otaska** or **Radiant** are grown, a free proportion of iron borings or filings. Naturally pink, this will cause them to turn to a most beautiful shade of light blue.

Otaska—The well known pink variety.

Radiant—One of the best. Rich rose carmine.

La Fraicheur—A new French introduction. Trusses large and pure white.

Reene Gaillard—Another of the new French varieties. Color a beautiful soft pink.

From April to June we have extra fine specimens in blossom.

Each, small plants 25c; larger plants 50c to \$2.00.

Each small plants (Postpaid)35c

Larger plants75c to \$2.35

IPOMOEA.
(Moon Vine.)

The well known Moon Climber. Flowers white and fragrant.

Each.....15c; doz., \$1.50

Each (Postpaid)20c; doz., \$1.65

Moon Vine.

IVY—(English.)

Not hardy enough for our winters, make a good indoor vine.

Each25c

Each (Postpaid)30c

IVY—(Parlor Ivy.)

A good vine for the window at all seasons, and in great demand as a vase, basket or window box plant in the summer.

Each, 10c; postpaid.....15c

Per doz., \$1.00; (Postpaid)\$1.15



IMPATIENS SULTANI.

A plant that should be in everybody's collection being almost continuously in bloom and of bright red color, which makes it the ideal table or window plant.

Each, 15c and 25c.....Postpaid 20c and 35c

LANTANA.

One of the most attractive house plants, with a most brilliant range of colors, and extremely floriferous.

Craigii Dwarf—Orange, carmine.

Comtesse de Brencourt—A fine pink.

Delicatissima (Weeping Lantana)—Rosy lavender flowers, very suitable for hanging baskets.

Fleur d'Or—Yellow.

Grand Sultan—A brilliant red.

Snowball—Pure white.

Each, 15c and 30c; postpaid.....20c and 40c

Collection of 6, 75c; postpaid.....90c

LEMON VERBENA—(See Aloysia, Page 2.)

LILIES

(See Also Hardy Lilies, under Perennials.)

Calla Aethiopica—Calla Lily or Lily of the Nile. A well known and justly a favorite window plant. Of very easy house culture.

Each50c and 75c

Calla—Little Godfrey—A smaller type of recent introduction and with its extremely free flowering habit, has proved wonderfully popular

Each25c, 50c and 75c

Lilium Giganteum—The well known Easter Lily.

L. Auratum—The wonderful gold-banded Lily of Japan. Flowers will often, if well grown, measure ten inches in diameter, of a creamy white, spotted with crimson and stripped with yellow. Extremely fragrant.

L. Album—A well known and handsome pure white lily of wonderful beauty, with reflexed petals.

L. Rubrum—Another handsome lily and very largely grown for cut flowers. Of a very delicate pink freely sprinkled with deep crimson spots and markings, and reflexed petals.

Dormant bulbs in season of the above varieties each.....25c

Postpaid30c



Lobelia.

The best of all for border plants, being low and covered with a mass of small blossoms. They thrive in almost any garden soil, but should be planted where they get the most moisture.

New Double Blue Kathleen Mallard—Large double flowers of an intense blue, very desirable.

Each, 10c; postpaid, 15c; doz. \$1.00; postpaid, \$1.15

Crystal Palace—Deep blue; a splendid bedder.

White Gem—Snow white.

Each, 10c; postpaid 15c; doz., \$1.00; postpaid, \$1.15

Broadview, Mont., June 20, 1918.

State Nursery & Seed Co., Helena, Mont.

Gentlemen:—Enclosed find another order for plants. My tomato plants came and are in excellent shape. We were certainly delighted with them. You may be assured that I have highly recommended your plants and also your method of packing to all my neighbors. Accept our thanks.

MRS. J. C. BARNES.

A HOUSE OF EASTER LILIES

We grow these in large numbers for the Easter season. At that time we are prepared to supply these beautiful plants to any part of this section, and you can make no better selection for a present than one of these Lilies. Send us your orders and we will pack with your card attached and ship by express to destination desired. By express only, each \$1.00 to \$3.00





Marguerite—Mrs. F. Sanders.

MARGUERITES.

Mrs. F. Sanders—This variety has taken precedence over all others of its class. It is double, pure white, with long stemmed blooms often measuring five inches in diameter. Grown in enormous quantities for cut flowers, and a splendid keeper when cut.
Each, 15c, 25c, 50c; postpaid.....20c, 35c, 60c

White Marguerite—(Chrysanthemum Frutescens)—This is the well known single Paris Daisy, and the best known of the family.
Each, 15c, 25c, 50c; postpaid.....20c, 35c, 60c

Boston Yellow—A magnificent golden yellow Marguerite, with flowers from 3 to 5 inches in diameter. Greatly grown for cut flowers, having long strong stems.
Each, 15c, 25c, 50c; postpaid.....20c, 35c, 60c

MIGNONETTE.

Plants from 2-in. pots each.....5c
Doz.....50; postpaid, each.....10c; doz.....60c

MOON VINE—(See Ipomea, Page 14.)

NASTURTIUMS.

Tall or Climbing Varieties—The ideal summer vine for Trellises, verandas or for covering unsightly railings.
Dwarf or Bedding Varieties—Give a splendid effect when massed in beds, their various colors giving an effect incomparable.
Each, 5c; doz.....50c
Postpaid, each 10c; doz.....60c

OLEANDER.

A most interesting house plant, forming beautiful spikes of flowers in delicate shades of pink and white. The Oleander is probably one of the most popular and well known of all house plants.
Each 25c and 50c
Each (Postpaid)35c and 65c

OXALIS.

Usually where plants are grown the Oxalis is found in the collection.
Rosea—Ever-blooming, producing a mass of blossoms throughout the year.
Buttercup—Yellow, grows and blossoms freely.
Grand Duchess—Pink. A most prolific flowering variety of easy growth. This Oxalis, is perhaps to be found in more homes than almost any other plant. It is a continuous bloomer, and is often to be seen with beautiful masses of pink flowers from the end of one year to another. This is no exaggeration, for it will literally bloom from January to January if well fed and watered, and kept in a good warm living room and given plenty of light.
Price, each25c
Postpaid30c



Orchids—(Cattleyas)—In Bloom in Our Orchid House.

Orchids

We grow these in considerable quantities, and usually have specimen plants in blossom. Write for prices.

STATE NURSERY AND SEED CO.

ORDER NUMBER

MONTANA

Date 191

DO NOT WRITE IN THIS SPACE

P. O. Money Order

Express Money Order

Bank Draft - - -

Check - - - - -

Currency - - - -

Stamps - - - -

Parcel Post Insurance

Total Amount Paid

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money paid for them will be promptly returned. It must, however, be plain to everyone who gives the matter the slightest thought that it is to our best interest to send out only such seeds as will not only grow but prove true to name and description.

EVERY ORDER, LARGE OR SMALL, WILL RECEIVE OUR CAREFUL ATTENTION

[illegible]

We Guarantee Safe Delivery of Plants possible to ship by Parcel Post if Insured. If this is desired Add Insurance Fee to Remittance
IF YOU HAVE ANYTHING TO WRITE US WITH THIS ORDER, PLEASE WRITE ON A SEPARATE SHEET
IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES, ASK FOR THEM. THEY WILL BE MAILED FREE

NOTICE: KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK.

[illegible]

We Guarantee Safe Delivery of Plants possible to ship by Parcel Post if Insured. If this is desired Add Insurance Fee to Remittance.

SPECIAL NOTICE.—If you will kindly send us the names of your flower loving friends—and those of farmers or ranchers of your acquaintance—with your order, we will be glad to place them on our mailing lists.

[illegible]

FROM

STATE NURSERY AND SEED CO.

(The Big Seed House of Montana)

HELENA,

MONTANA.

TREES, FLOWERS. PLANTS, SEEDS, BULBS, ETC.

PANSIES

[SEE COLORED ILLUSTRATION ON FRONT COVER]

Who does not love a pansy? The flowers with faces. We are the most extensive growers of these favorites in the entire Northwest, and have spared no pains or expense to procure the finest strains known. Our Pansies are all from strains which combine hardiness, beauty of color, size of bloom and length of stem. A strain which does not measure up to this high standard when tested by our expert growers, is at once discarded. The result of this policy has been that we can scarcely grow enough of the selected strains to supply the demand. We are continually increasing the space devoted to them.

Per dozen	-	75c
Postpaid	-	90c

PETUNIAS



A Vase of Our Double Petunias.

The demand for our Double Petunias has kept our growers busy to meet it. The steadily increasing use of porch and window boxes for porch decoration, is calling for the best that can be produced in these free blooming plants, and for that purpose they are absolutely indispensable.

DOUBLE PETUNIAS.

Edna—Pink mottled white.	
Guy—A beautiful light pink.	
Jerome—Purple with white edge.	
Snowball—Finely fringed white.	
Talma—Clear pink.	
Each	15c; doz., \$1.50
Each (Postpaid)	20c; doz., \$1.65



Single Petunias.

The beauty of our single Giant Fringed Petunias must be seen to be appreciated. They are of a most bewildering array of color, giants in size, of exquisite beauty, and like the double sorts are indispensable plants for porch boxes and baskets.

Each, 15c; doz., \$1.50; postpaid each, 20c; doz., \$1.65

PALMS—(See Palm Department, Page 20.)
PHLOX HARDY—(See Hardy Perennials, Page 32)
PRIMROSES.



Primula Sinensis (Chinese.)

Primula Sinensis—Chinese Primrose—An old-time favorite as a fall and winter house plant. Colors: Red, White, Pink. Very floriferous.



Primula Obconica.

Primula Obconica—This type of primrose has attained a popularity unequaled by any of the genus. Of a most profuse blooming habit in flower from all until early spring. The shades of color range from a pale lavender to deep rose. In ordering state shade of color desired.



Primula Malacoides.

Primula Malacoides—This is the Baby Primrose. It bears masses of delicate lavender colored flowers in wild profusion, and deservedly ranks among the best of the fall and winter house plants.

Any of the above varieties, blooming plants in season, from October to March,
Each25c, 35c, 50c
Postpaid35c, 45c, 60c

SEND FOR OUR XMAS CATALOG, WHERE WE QUOTE SUPERB SPECIMEN PLANTS OF THESE AND CYCLAMEN FOR XMAS PRESENTS.

For those who desire to grow these plants to full maturity in the house, we offer young plants from May to August at,
Each15c, 25c and 35c
Postpaid20c, 30c, 45c

ROSES—(See Pages 21 to 26)

SALVIA—Scarlet Sage.

Salvia—or as it is more commonly called, Scarlet Sage—is without a doubt one of our most valuable summer bedding plants. Give it a sunny location, with well fertilized soil and sufficient water, and a bed of Salvia will well repay the outlay. Of easy culture—and rapid growth, they literally cover themselves with long erect spikes of most brilliant scarlet flowers, borne well above the deep green foliage. A well grown bed of Salvia is literally a bed of fire.

Each, 15c; doz.....\$1.50
Each (Postpaid), 20c; doz.....\$1.65

Saxifraga Saramentosa—Aarons Beard—Mother of Thousands—or Strawberry Geranium. This is a handsome plant of a wonderful trailing habit, with brightly variegated foliage. It is a splendid plant for small hanging baskets, of a real decorative value, that will thrive under most adverse conditions.
Each15c and 35c
Postpaid20c and 45c

STOCKS
Ten Weeks
(Gilliflower)

Stocks — One of the most useful bedding plants, that can be grown. Their intensely free blooming habit, coupled with their long keeping qualities when cut and their magnificent range of coloring, render them a universal favorite with all flower lovers. In shades of white, yellow, dark blue, lavender, pink, rose, and blood red.

Per doz., 50c;
postpaid .60c



Stocks.



Tradescantia.

VIOLETS.

We have found that violets under proper cultivation can be grown in Montana that are the equal of any in the entire country. As an evidence of this fact, the demand for violets as cut flowers, in their season, in our own case, has increased so rapidly that it now requires seven of our largest greenhouses to satisfy the demands made upon us for these fragrant blooms. Under the care of the expert in charge of these plants, they are absolutely free from all kinds of disease that so often attack them in many parts of the country.

Governor Herrick—Flowers of rich purple borne on good stems and very prolific.

Princess of Wales—One of the best varieties grown. Flowers very large, long stems, a very profuse bloomer, and extremely fragrant.

Each10c and 25c
Postpaid15c and 35c

TRADESCANTIA
(Wandering Jew)

One of the most used plants in the world for hanging baskets and porch boxes. Two varieties—green foliage and variegated, the latter being red and silvery green.

Each10c
Dozen\$1.00
Each (Post-
paid)15c
Dozen (Post-
paid)\$1.15

TUBEROSES.

One of the most delightfully fragrant and exquisite of all summer blooming plants. It is desirable to plant the bulbs as soon as the ground becomes warm. Our specialty is the Excelsior Double Pearl variety.

Each5c
Dozen50c
Each (Post-
paid)10c
Dozen (Pd).....60c



VERBENAS.

These are one of the best and without doubt one of the most valuable bedding plants for use in the Northwest. They bloom continuously through the summer, and very often after the first frosts of fall. Their free flowering proclivities, and brilliant shades of coloring render them attractive to every lover of summer flowers in the garden. Colors—Scarlet, Pink, White, Purple and Striped.

Each, 15c; per doz.....\$1.50
Postpaid, each 20c; doz.....\$1.65

VINCA MAJOR.

This is without a peer as a decorative vine for porch boxes and hanging baskets. Of the most easy culture, and rapid growth, it is today the most used trailing plant for this purpose in all parts of this country. The demand for it in the United States runs into the millions each year, and is steadily growing.

Vinca Major—Handsomeness dark green foliage.

Vinca Major Variegata—Foliage dark green in center, bordered with an irregular margin of rich creamy white. A most beautiful vine for porch use, and can not be too highly recommended.

Each15c to 35c
Postpaid20c to 45c

Vinca Minor Argentea Variegata—This is a comparatively new introduction, but the demand is already passing the supply. It is a variegated form of the favorite old English periwinkle with silver white edging around the deep green center of the leaf. Like its parent, it is extremely hardy, making a splendid carpet plant in the most shady places where hardly any other plant would grow at all. A most useful plant for covering graves, the wonderful contrast of color and evergreen foliage rendering it one of the most valuable acquisitions of late years for this purpose.

Each, 15c to 35c; postpaid.....20c to 45c
Each, large clumps50c
Postpaid, large clumps60c
Per dozen, \$5.00, by express only.

WALLFLOWERS.

In this we have another favorite fragrant and easily grown old-time flower. Great improvement in these plants has been made in the last few years, and they are now in ever increasing demand.

Each, 5c; doz.....60c
Postpaid, 10c and.....75c

ZINNIA—(Old Maid.)

Zinnias are one of the finest and showiest annuals grown. They will thrive anywhere, blooming from early summer until cut down by frost. With every color of the rainbow and some others thrown in, a bed of Zinnias is indeed a most gorgeous sight in the summer landscape.

Each, 6c; doz.....60c
Postpaid, each 10c; doz.....70c

PALMS

Palms make an ideal gift for any purpose and at any season, be the occasion a Wedding, a Birthday, or a Christmas remembrance. We are the largest growers of these and all other plants in the Northwest, and can always supply select specimen plants at moderate prices



ONE OF OUR PALM HOUSES.

Cocos Weddelliana—The most feathery and graceful of the genus. Small plants of this variety are in great demand for Fern Dish ornamentation.

Each50c and 75c

The Kentias named below are among the very best of the Palm family for house culture. Among the hardiest of the family, they are often grown for years in the home, with wonderful success, and there is no plant that gives that unique touch of tropical gracefulness to a room or hall, or that can be used to break or completely change the contour of some awkward corner as a well grown Kentia.

Kentia Fosteriana—An extremely useful variety, and one that responds well to house culture.

Each\$1.00 to \$5.00

Kentia Belmoreana—Another splendid house type similar to Fosteriana, but with broader pinnæ and a longer growth of midrib or stem.

Each\$1.00 to \$5.00



Kentia



Cocos Weddelliana.

Casper, Wyo., Oct. 28, 1918.
State Nursery & Seed Co.
Helena, Mont.
Gentlemen:—

The plants I ordered from you came in perfect condition and they are beautiful, so much larger and stronger than I expected. Thank you for the complimentary plant also for your splendid fulfillment of my order.

Yours truly,
Mrs. J. G. Wiederhold.

ROSES

WE DEVOTE A SPECIAL DEPARTMENT—AN ENTIRE RANGE OF GLASS—IN CHARGE OF AN EXPERT TO THE PRODUCTION OF ROSES FOR MONTANA AND THE NORTHWEST.

Roses—The flowers that are beloved by all—can and are now grown as successfully in Montana as in any section of the country. Careful pruning at the proper season, sufficient water and fertilizer; with a good protection of such material as dry straw in winter, will give a wealth of beauty and bloom in the summer that will far more than repay for the outlay and labor expended on them.

New Rose--Columbia



Columbia is a new rose, introduced last season for the first time. It is a American production, and has been received most enthusiastically wherever grown and seen. It is doing well for us and is a wonderful bloomer. Its blooms are large, of most exquisite form, of a perfect Peachblow pink, which deepens as the flower opens. It has unusually long stiff erect stems, and is almost thornless.

Price\$1.00 each

New Rose--Los Angeles



This new rose is creating a furore among rose growers from the Pacific to the Atlantic. It is a true American product—originating in California.

This truly wonderful Rose won the Gold Medal at the test of new Roses held at the Bagatelle Gardens, Bois de Boulogne, Park, Paris, France, in competition with entries from the leading rose growers of France, Ireland, England, Scotland and the U. S. These tests extended over a period of two years, and is the most severe competitive test held in the world. Numerous other Grand Prizes have also been awarded this rose wherever exhibited. It also won First Prize at Seattle the past spring.

Its color is a luminous flame pink, toned with coral, and shaded with translucent gold at the base of the petals.

Its fragrance is equal in intensity to the famous Marchal Nell. The buds are long and pointed, expanding into a flower of Mammoth proportions, Beauty of form, and ever increasing wealth of color maintain from the incipient bud until the last petals drop.

A splendid summer rose for the open garden requiring only the protection in this section named on page 26 of this catalog.

Price—Strong field-grown plants, each.....\$2.50

Order early—our stock of this magnificent novelty is very limited.

FOR PRICES ON ROSES

Where not quoted see page 25



Basket of Hoosier Beauty.

Hybrid Tea Roses (Red)

Monthly—Or Everblooming.

X Hoosier Beauty—A late introduction, but it has jumped at once in a popularity attained by few. Color a glowing deep scarlet with darker shadings, and opens into a magnificent bloom.
Each, 25c and 50c; postpaid, 30c and 60c.

X American Beauty—This is one of the best known and most popular Roses ever introduced. It has proven one of the very best for this climate, and its beautiful large red blooms can be seen in every section. We make a specialty of this and always supply the finest grade of stock. Our special One Dollar size is the best value ever offered to Rose lovers.

X Hadley—Deep rich velvety crimson. Large double flowers on long stiff stems. Very fragrant and a prolific bloomer.

Francis Scott Key—Red, shading to cerise, very double, and a free bloomer.

State Nursery & Seed Co.,
Helena, Mont.

Butte, Mont.

Gentlemen:—We are certainly delighted with the rose bushes just received. They are simply grand, and the other bulbs were in fine condition.

R. C. WHALEN.



Gruss an Teplitz.

X Gruss an Teplitz—This is a wonderful Rose, of a dazzling fiery crimson. It is a very free grower, and unlimited flowering qualities. Should be in every collection.

H. E. Richardson—This is another good velvety crimson Rose, free flowering and fragrant.

X Red Radiance—This is a sport from the Pink Radiance, of which it is an exact counterpart, except in color, which is of a clear bright red.

Edward Mawley—Velvety crimson, deep and rich. Huge faultless petals arranged into perfect blooms. Richly fragrant and very free flowering, bearing every flower rigidly erect.

Mrs. Sarah Yates—A fine crimson Rose and free blooming.

Tea and Hybrid Tea Roses (Pink)



Radiance.

X Radiance—A hardy, vigorous grower, flowers of a brilliant rosy carmine, when open shaded with opaline pink. Very fragrant and a continuous bloomer. We cannot recommend this Rose too highly. Its wonderful success in this section has created a demand unequalled by any other Rose, and we have endeavored to grow enough to supply our customers with this wonderful pink rose in hardy large sizes. Our specimen plants of this cannot be equaled. See page 25 for prices.

La France—Although introduced in 1867 this wonderful Rose still preserves its popularity. Of a silvery Rose, with pink shades, and satin-like petals of wonderful beauty and unequalled fragrance. A continuous summer bloomer.

X Ophelia—A recent introduction, and one that has taken Rose lovers by storm. In color it is a brilliant salmon-flesh pink, with the heart of the flower a glowing peach pink, the whole showing orange yellow shadings. Very floriferous, a vigorous grower, and bears its blooms erect on long stiff stems. Very fragrant.

Duchess of Normandy—This is a perfect Rose of salmon-flesh color appearing to be overlaid with yellow. A very exquisite and pleasing shade.

Pink Killarney—The Irish Beauty Rose. Sparkling pink with large beautifully formed buds of exceeding beauty.

Maman Cochet—A rich rosy-pink; shaded with silvery rose on outer petals; a most exquisite Rose both in form, color and fragrance. Flowers borne on good stiff stems; beautiful foliage. A queen among pink Tea Roses.

X Bon Silene—This Rose has been a favorite since 1835, and is today gaining a new lease of popularity. Color a rose shaded with crimson; beautiful buds with long petals. One of the hardiest of the Tea Roses.

X Hermosa—This is another old favorite, introduced in 1840, but still retains its popularity. While it is of the Bourbon type, it is of a free blooming nature, with finely formed flowers of a soft deep pink.

Mrs. Chas. Russell—This Rose is a magnificent pink, one of late introduction, and which jumped at once into well deserved popularity. Long strong stems and very large flowers.

September Morn—Light pink, a most attractive Rose.

Tea and Hybrid Tea (Roses)



Kaiserin Augusta Victoria—(White.)

X Kaiserin Augusta Victoria—One of the best white Roses ever introduced. A most sturdy grower with large perfectly formed and fragrant flowers, it combines all the attributes that go to make a perfect Rose. Very profuse.

X Clothilde Soupert—Known in many sections as the Cemetery Rose, as it will bloom and thrive with so little care. It is a cluster bloomer, white, shading to a light pink, and very profuse, a dwarf grower, and very fragrant. Makes an ideal pot Rose for the house in winter or summer.

X White Killarney—A perfect counterpart to Pink Killarney from which this is a sport. Like its parent, it has proven a valuable Rose in this section, as they will stand our winters with ordinary protection, and produce a wonderful wealth of bloom.

Tea and Hybrid Tea Roses (Yellow)



Mrs. Aaron Ward.

X Mrs. Aaron Ward—This is another Rose of comparatively late introduction, but it has achieved a wonderful popularity. The flowers which are produced in great profusion, are of an Indian yellow shading to a lemon at the edge of the petals; very full and deep, showing as it unfolds a deep golden heart.



Sunburst.

X Sunburst—A splendid Rose of vigorous habit and one of the largest of the H. T. type. The color is an orange-copper or golden orange, very intense giving a most brilliant effect. A giant of its class, of perfect form, good keeping qualities when cut, it has proven an estimable garden Rose for this section.

Perle Des Jardins—A clear golden yellow Rose, very rich and of great depth. Very full, a most profuse bloomer, and very fragrant. A tender Rose.



Frau Karl Druschki.

Hardy Hybrid Perpetual Roses

For Prices See Page 25.

- ✕ **Frau Karl Druschki**—Commonly known as the White American Beauty, or Snow Queen. A most vigorous grower producing large, long buds and magnificent white blooms. Very hardy, and deservedly popular.
- ✕ **Anna de Diesbach**—(Glory of Paris.)—A very free blooming form of this type of Rose and a vigorous grower. Color a shell-pink, long, pointed buds, very double and large compact blooms, very fragrant.
- ✕ **Black Prince**—Color an intensely dark crimson; flowers very large and double. A strong grower and free bloomer.
- ✕ **Baron de Bonstetten**—A superb Rose, of a velvety deep crimson color. Very double, large and fragrant, and of strong growth.
- ✕ **Captain Christy**—A delicate flesh pink, shading to a deeper color at the center of a large, very double and handsomely formed flower. Strong grower and very free.
- ✕ **Clio**—Color flesh-pink, shaded in center with rosy-pink; large globular flowers freely produced and fragrant. A vigorous grower.
- ✕ **General Jacqueminot**—Better known as General "Jack", a justly celebrated Rose, with its shapely buds and handsome flowers of rich brilliant velvety crimson, and delicious fragrance. The "Jack" Rose is beloved by all for its all round good qualities.
- ✕ **General Washington**—Large double scarlet flowers. A fragrant Rose, free grower and profuse bloomer.

✕ **Jubilee**—A hardy and almost everblooming Rose flowers extremely large, very double, of a glowing velvety crimson, shaded at the base with a touch of maroon-red. Hardy, a vigorous grower and wonderfully fragrant.

✕ **Madam Planter**—A very hardy Rose of vigorous growth, with large white blooms.

✕ **Mrs. John Laing**—A beauty—in clear, bright, shining pink; every bud with its deeply serrated calyx and close growing foliage becomes an elegant Boutonniere. The open blooms are immense, very full, and borne on long stiff stems.



Paul Neyron.

- ✕ **Paul Neyron**—This is the largest of all Roses, with its flowers of clear bright shining pink, and deliciously perfumed. It is also a most prolific bloomer, and of strong and vigorous growth. Almost thornless, and very hardy.
- ✕ **Ulrich Brunner**—This is a seedling from Paul Neyron with brilliant cherry-red flowers of globular form and immense size. This variety has proven as desirable for garden growing as its parent, and is in great demand in all sections of the country.

For Prices See Page 25.

Climbing Roses



Baltimore Belle.

Baltimore Belle—Flowers of a pale bluish or pink, passing to white, very double, and borne in clusters in great profusion, making a mass of bloom. Very hardy and one of the best climbers for Montana.

Climbing American Beauty—This comparatively new climbing Rose has proven exceedingly popular in many parts of the country. It is a seedling from the well known American Beauty, with a mixture of Tea and Wichuriana blood, and is similar to its parent in size of bloom, color and fragrance. It is almost a continuous bloomer, a vigorous climber, and has proved to be very hardy.

Crimson Rambler—This Rose is extremely hardy of vigorous growth. It flowers in clusters forming a mass of vivid crimson beauty.

Flower of Fairfield—Another of the same type as the preceding variety, but producing bright crimson flowers in clusters with a white center in each bloom. It is a perpetual summer bloomer and very hardy.



Dorothy Perkins.

- CLIMBING ROSES—Cont.**
- X Dorothy Perkins**—Flowers borne in great profusion in clusters, of a beautiful shade of shell-pink; hold their beauty for a long time; fading to a deep rose, and very fragrant. A splendid climber, of vigorous growth and hardy nature.
- X White Dorothy Perkins**—This is a sport from the preceding variety, of which it is a duplicate in every way with the exception of its beautiful clusters of flowers, which are white.
- X Prairie Queen**—Introduced in 1843 this is still a standard favorite. It bears rich rosy-red compact, globular flowers in great profusion, is very hardy, and a strong grower.
- X Lady Gay**—Buds of a deep pink, changing to cherry-red, the open flower finally changing to a creamy white. The blooms are produced in large trusses, and form a mass of beauty from the ground to the top of the vine. It is a perfectly hardy climber.

Baby Ramblers

These Roses all are splendid plants for growing in pots for home decoration. Give them all the sun possible in the summer with good soil and drainage. They rarely grow over 20 inches in height, are continuously in bloom and as a class are very hardy.

X Crimson Baby Rambler—(Madam Norbert Levasseur.)—A dwarf form of the Crimson Rambler, with the same ruby-red clusters of bloom. Always in flower through the entire summer, and if potted before frost will continue through the winter in the house.

X White Baby Rambler—(Catherine Zeimet.)—Pure snow-white blooms in profuse clusters, forming a sheet of white when used for bedding purposes. Everblooming and an ideal Rose for pot culture.

X Pink Baby Rambler—(Phyllis.)—A bright carmine-pink of very bushy habit producing beautiful panicles of bloom the whole summer. Unequaled as a decorative pot plant at any season.

X Mlle. Cecile Brunner—Often called the Fairy, or Sweetheart Rose. Produces graceful sprays of perfectly formed small flowers, very double, of a soft rosy-pink, on a rich creamy-white background. A splendid variety for cut flowers.

George Elger—Also known as the yellow Mlle. Cecile Brunner. The color of the bloom is a dainty coppery golden-yellow, opening to a clear deep yellow; borne in large corymbs. A very erect habit of growth, with dark green foliage.

- AUSTRIAN, OR BRIAR ROSES.**
- Harrison Yellow**—A fine hardy Rose of double free flowering proclivities. The Austrian or Briar Rose type as a rule do not require much pruning, only to remove the dead and superfluous wood. They are extremely hardy. Each.....75c
- Persian Yellow**—A large and very fine single Rose, deep golden yellow, very hardy and very floriferous.
Each75c



Harrison Yellow.

RUGOSA ROSES.

Hansa—This is one of the most desirable of the type with double reddish-violet flowers, produced in profusion during the entire summer. They are followed by brilliant red seed pods making the plants as attractive in the fall and winter as in the summer. This type is not only valuable as a single specimen, but is even more so when planted for the purpose of a strong and wonderfully decorative hedge, for which purpose it cannot be recommended too highly. This type also requires but little attention in the way of pruning, and is extremely hardy. We confidently predict for this Rose an enormous sale for ornamental hedges in this section. For hedges plant about two feet apart. It is no exaggeration to say that this Rose will make a hedge that is absolutely impenetrable, even to a rabbit.

Each, 75c; per dozen.....\$6.00

Prices on Roses

OUR SMALLEST SIZE.

Planted early, with ordinary care, these will bloom the first season.

From a Photograph of Our 3-inch Pot Roses.

- If you want more Roses—you must plant more Roses.
- From 3-inch pots (see adjoining cut).
Each, 20c; postpaid.....25c
From 3-inch pots, per doz., \$2.50; postpaid, \$3.00
- A LARGER SIZE—FROM 4-INCH POTS.**
- A Favorite Size.**
- From 4-inch pots, each 35c; postpaid.....40c
From 4-inch pots, per doz., \$3.50; postpaid.....\$4.00
- A SPECIAL FIFTY CENT SIZE.**
- These are select, specially grown plants, and cannot fail to give satisfaction to Rose lovers.
- Each, 50c; postpaid.....55c
Per doz., \$5.00; postpaid.....\$5.50

LARGE AND SPECIMEN ROSE PLANTS.

In the foregoing list of Roses the varieties which are prefixed X can be supplied in a ONE DOLLAR SIZE. These are magnificent plants, and will produce excellent results.

When SELECT SPECIMEN ROSES are desired, especially where the choice is left to us, we can usually supply SPLENDID SPECIMEN PLANTS at from \$1.50 to \$2.00 each. These larger plants can not be too highly recommended.

The Care of Roses

SITUATION.

Best results can be obtained by planting Roses where they receive the full benefit of the sun, and sheltered from the north winds. Under no conditions should they be planted where they are liable to come into contact with the roots of large trees and shrubs.

SOIL.

The best soil for Roses is sod from an old pasture, adding some well rotted cow manure.

PLANTING—PREPARATION OF THE BED.

The bed should be prepared a short while before planting, so as to let the soil settle. The depth of the bed depends on the size of the plant, usually about one foot. Fill this with the soil and manure, being careful to provide for proper drainage. On receiving the plants, if in a dormant state, the tips of the roots should be cut off about half an inch or more.

If the plants are from pots, they should be set so that the ball of earth is about one inch below the level of the ground, and the soil around them made very firm.

Great care should be taken to see that the roots are evenly distributed, as upon this detail quantity and quality of blooms will depend. A thorough soaking of water should then be given.

WINTER PROTECTION.

Almost all the roses (the Hardy Yellow varieties are some of the exceptions), should be protected during winter. For this purpose we use long clean straw, bending the rose bushes to the ground and covering the straw over them to a thickness of about six inches.

Another good plan is to use a heavy sheaf of straw tied close at the top, and the rose bush tied in the center of the sheaf. This is a good method in places where water or melted snow is apt to drain to the plants. With this method it is also beneficial to draw the earth to the stem of the plant before covering with the straw.

PRUNING.

Immediately the first killing frost cuts back the young growth in the fall, prune back the frozen wood into well ripened wood. This is important, and will often insure the life of tender Roses in severe winters. As soon as the plants show the first sign of activity in the spring, then give them the principal pruning of the year, beginning with the H. P. class. Climbing Roses need very little pruning, except to remove dead and superfluous wood, and to make long canes conform to some desired effect.

INSECT PESTS.

A weekly application of some insecticide will well repay you in the ultimate growth and health of your Roses. It is almost impossible to name any stated mixture. We refer you to our list of Insecticides.

HARDY PERENNIALS

THE STATE NURSERY AND SEED CO. are the largest growers of these plants in the Northwest. Our collection is today the largest and best in this section, and we are continually adding to the list. With no other class of plant is it possible to have as continuous a display of bloom and beauty with as little effort, from the early spring to frosts of fall, as with Hardy Perennials. A bed or border of these plants, properly selected and arranged, will produce a wealth of bloom almost from snow to snow. In the climate of Montana, there is no question but that they are the best class of plants for those who desire a profusion of bloom for the garden, with the least expenditure of time and effort. Give them any ordinary good soil, enriched with well decomposed fertilizer, and occasional watering through the summer. As soon as the first killing frosts have killed the growth, remove the dead tops and if convenient cover the bed with a mulch of dry leaves, or straw, though this is not absolutely necessary. A good mulch of well rotted fertilizer in the early spring, and spaded lightly into the border will also aid in giving them the necessary stimulus to bring out their best effort for your pleasure.

PRICES ON ALL HARDY PERENNIALS EXCEPT WHERE NOTED:

Each, 15c; postpaid.....20c
Per doz., \$1.50; postpaid.....\$1.75

ACHILLEA.

(Yarrow)

Perry's White—A late introduction, with the largest flowers of the genus. Very free flowering and very hardy. 2 feet.

The Pearl—A well known form of this flower, with handsome double flowers, blooming very early, and with good keeping qualities when cut. 2 feet.

ALYSSUM SAXATILE—(Gold Tuft.)

One of the most useful plants either for rockery or border. Produces large flat heads of yellow flowers in May and June. One foot.



A Bed of Achillea.

ANCHUSA ITALICA.

Dropmore Variety—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. 3 feet.

AQUILEGIA—(Columbine.)

One of the most satisfactory of hardy perennial plants, producing beautiful spurred flowers on stiff stems. Should be given a sunny position, but succeeds in almost any soil or location.



Aquilegia.

Canadensis (Common American Columbine.)—The native bright red and yellow variety.
Chrysantha (Golden Columbine)—Bright yellow, long spurred flowers.
Coerulea (Rocky Mountain Columbine)—Bright blue and white, long spurred flowers.
Helena—A new hybrid with large blue flowers and expanded pure white corolla.
Nivea Grandiflora—Fine pure white.
Veitch's Long Spurred Hybrids—Mixed colors.

ARABIS ALPINA—(Rock Cress.)

A very early flowering carpet-like plant valuable both for rockery and edging. It forms a dense carpet, and literally covered with white flowers.

BLEEDING HEART—(See Dielytra, Page 29.)

BOLTONIA—(False Chamomile.)

Among the most showy of our hardy perennial plants, with large single flowers, resembling a single Aster, and borne in great profusion. Three to four feet.

B. Asteroides—Pure white.
B. Latisquama—Pink tinged lavender.



A Bed of Cerastium.

Creastium Tomentosum—(Snow in Summer.)—A very desirable plant for covering as with a white carpet dry, sunny places. Low growing with white foliage and flowers. Very fine for planting on graves.

COLUMBINE—(See Aquilegia.)



Campanula Media—(Canterbury Bells.)

CAMPANULA.

Do best in a good rich soil and planted in a half shady place. They are indispensable as border plants. The taller varieties should be staked and all the flowers cut immediately upon fading.

Media—Single in clors of dark blue, white, light blue and rose.

Calycanthema (Cup and Saucer Canterbury Bells)—They differ from most of the varieties in that the calyx is the same color as the flower, giving it the appearance of the cup and saucer. We offer them in the following shades: Delicate rosy pink, clear-blue, dark blue and pure white.

Pyramidalis (The Chimney Bell Flower)—Blue salver-shaped flowers.

CANDYTUFT, HARDY—(See Iberis, Page 30.)

COREOPSIS.

Lanceolata Grandiflora—A popular plant everywhere. It bears golden yellow blooms in great profusion, valuable for cut flowers, and lasting well into fall. Two feet.

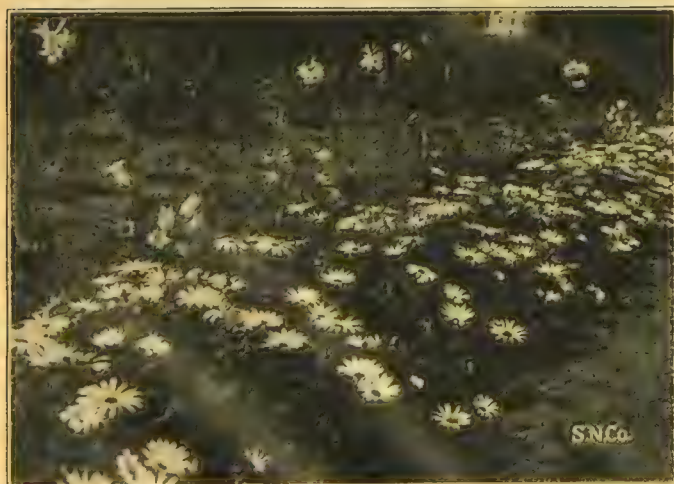
**CHRYSANTHEMUM MAXIMUM.**

The profusion of bloom when the rest of the garden is destroyed by frost keeps them well to the front as a favorite.

Chrysanthemum Maximum—The old variety daisy and does exceptionally well in Montana.

Maximum King Edward VII.—A splendid daisy. Beautiful for cut blooms, two to two and a half feet high.

Maximum, The Speaker—Another fine variety—the cut blooms last a long time.

**Shasta Daisy.**

Shasta Daisy—"Alaska"—(Burbank's Improved.) Something new in Shastas, and very fine.

Shasta Daisy—"Market Favorite"—This comparatively new type of the Shasta Daisy has leaped into popular favor, especially when grown for cut flowers. In this field it has no equal.

DELPHINIUM—(Larkspur.)

These magnificent flowers are easily one of the very finest Hardy Perennials for the Northwest. The long graceful spikes of bloom are very valuable for cutting, and many of them harmonize wonderfully with other cut flowers.

**Delphinium—(Larkspur.)**

A splendid perennial plant with its wonderful shades of blue. They are easily grown, but only well rotted fertilizer must be used to get the best results. Bonemeal worked into the soil around the roots is very beneficial. By cutting off the flower stalks as soon as the blooms mature and begin to fade a second and often a third crop of blooms will be secured.

Bella Donna—Torquoise blue.

Duke of Connaught—A beautiful Oxford blue, bold white eyes.

Formosum—The old standard blue.

Queen Wilhelmina—Very large, soft lavender; one of the best.

Amos Perry—Semi-double flowers of a rosy mauve.

Julia—Cornflower blue, with a white eye.

Mrs. Bronner—Azure blue.

Each, 25c; postpaid.....30c
Dozen, \$2.50; postpaid.....\$3.00

**DIANTHUS BARBATUS—(Sweet William.)**

One of the most popular of outdoor bedding plants, throwing strong stems of brilliantly colored blossoms. During the period of their blooming the foliage is completely hidden by masses of attractive blossoms.

Latifolius Atracoccineus—(Everblooming Hybrid Sweet William.) A beautiful summer bedding variety, producing masses of brilliant, fiery crimson flowers throughout the entire season.

SWEET WILLIAM—Cont.
Holborn Glory—This is a large flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams.
The Standard varieties are old time favorites in colors of Scarlet, Crimson, Violet, Red, White, Pink.

DORONICUM EXCELSIUM—(Leopard's Bane.)
Splendid for cut flowers, having a good long stem, and will last a long time in water; will thrive almost anywhere. Pretty orange yellow. Very early.



DIELYTRA—(Bleeding Heart.)

Dielytra Spectabilis (Bleeding Heart)—A very old favorite and increasingly planted. Can be planted in almost any part of the garden and stands out prominently. Especially serviceable for planting in the shade.
Each 25c; postpaid40c



DIGITALIS—(Foxglove.)

While in bloom these dignified and stately stalks, with their luxuriant foliage, seem to dominate the whole garden.
Gloxinaeflora—A beautiful strain of finely-spotted varieties in colors of beautiful white, purple, rose and lilac.
Grandiflora—Showy flowers of pale yellow, veined brown, spotted varieties.



GAILLARDIA—(Blanket Flower.)

One of the most beautiful of perennial plants and the most popular for cutting. The center of the blossom is a dark red-brown with beautiful markings of brilliant crimson, orange and vermillion, and occasionally a combination of all in the one flower.
Gaillardia Grandiflora—A refined and attractive flower of a beautiful yellow and orange color; sometimes marked with a maroon shade.



GYPSOPHILIA—(Baby's Breath.)

The Gypsophyllas with their attractively arranged masses of minute flowers should be in every garden. If cut and dried will retain its beauty for months, providing decorative material of the very best.
Paniculata—The popular old-time Gypsophyllia, much admired for its feathery appearance.

HELENIUM—(Sneeze Wort.)

H. Autumnale Superbum—One of the ideal hardy perennials for the border, bearing numberless small yellow flowers on a sturdy bush-like plant. 5 feet.
Riverton Beauty—Striking colored blooms, lemon yellow and purplish black.
Riverton Gem—Old Gold, changing to wallflower red.

HELIOPSIS—(Orange Sunflower.)

A valuable addition to the hardy border, for cut flower purposes, blooming earlier than the sunflowers, and rarely exceeding three feet.
H. Pitcheriana—Flowers about two inches in diameter, double, of a deep golden yellow. Continues in bloom the entire summer. A splendid cut flower.

HEUCHERA—(Alum Root—Coral Bells.)

Most desirable dwarf, compact bushy plants of robust constitution and easy culture, growing 1½ to 2 feet high and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.
H. Sanguinea—Bright Coral red, very fine.



Hollyhocks.

HOLLYHOCKS

Our careful and scientific selection has resulted in the production of an unequaled strain of this magnificent plant in the best shades of color known, with colossal spikes of bloom, lasting and blooming until frosts puts a check on their wonderful vitality and growth. Used as individuals well back in the hardy border, or dotted here and there amongst a bed of hardy shrubs, which they brighten with their brilliant spikes of gorgeous color after the shrubs are through flowering for the season, or as a hedge at the rear of a bed of hardy perennials, they cannot be surpassed. The strain we offer must be seen to be appreciated, with flowers whose petals seem as if made of the finest China silk. Give them a well fertilized soil with well rotted manure, deeply spaded, sufficient drainage, a plentiful supply of water in the growing season, and success is assured in any location. Their enormous sale every season bespeaks their popularity.

DOUBLE WHITE	DOUBLE PINK
DOUBLE DEEP ROSE	DOUBLE BLOOD RED
DOUBLE CRIMSON	DOUBLE SALMON
DOUBLE MAROON	DOUBLE YELLOW

Each, 25; (Postpaid).....30c

Dozen, \$2.50; (Postpaid).....\$3.00

IBERIS (Hardy Candytuft)

A most desirable hardy dwarf evergreen plant, flowering very early in the spring, and literally covering the foliage with dense heads of bloom. Ten inches.
Iberis Sempervirens—Pure white, innumerable flat heads of bloom.



IRIS.

IRIS

We are the most extensive growers of Iris in the Northwest, and our collection embraces only the finest varieties of the type known. Extremely valuable as cut flowers, the only rivals of the Orchids in beauty and wealth of delicate coloring, the varieties we offer would hardly be recognized as the scientifically developed descendants of the old time "yellow and purple flag." They are of easy culture and will succeed anywhere. "S" indicates the "Standards" or upper petals, and "F" the "Falls" or lower petals.

Alberta—	
Bridesmaid (S) —White. (F)—Lavender.	
Darius (S) —Rich canary. (F)—Lilac, margined with white.	
Florentina Alba —Early Ivory White. Sweet scented.	
Mrs. Horace Darwin (S) —White. (F)—White reticulated violet.	
Lilaciana —Pale lavender, splashed with violet.	
Pallida Odoratissima —Large flowered, lavender blue.	
Pallida Dadmatica (S) —Lavender. (F)—Veined deep violet.	
Queen of May —Soft rosy lilac. Very satisfactory.	
Madam Cheriann —White edged with blue.	
Van Oldenbornessold (S & F) —Rich deep lavender.	
Whitmanana (S & F) —White, very slightly tinged lilac.	
Each	15c
Each (Postpaid)	20c
Larger clumps, each	50c
Larger clumps, each (Postpaid)	60c
One each of the above twelve superb varieties of Iris—an unequaled collection for.....	\$1.50;
postpaid	\$1.75

LARKSPUR—(See Delphinium, Page 28.)

LAVENDULA—(Lavender.)

Who does not know the delicious fragrance of Lavender—rarely equaled and never surpassed by the best perfumes. Grows about 18 inches high, and bears a wealth of blue flowers in summer.
L. Vera—The true sweet lavender of our grandmothers' day, and wonderfully fragrant.

HARDY LILIES.



Hemerocallis Fulva.

HEMEROCALLIS.

The Hermerocallis—or as they are often called, Day Lilies—are perfectly hardy and one of the most easily grown and showy perennials.

Hemerocallis Fulva—(Tawney Day Lily)—This variety grows from 4 to 5 feet high, bearing profusely trumpet shaped flowers of a neutral orange color, with darker shadings. Blooms in June and July.
Each, 25c, 50c; postpaid.....35c; 60c



Lily of the Valley.

LILY OF THE VALLEY—(Convallaria Majalis.)

Do not put this beautiful flower in some corner and leave it to literally starve. Give it a liberal mulch of well rotted fertilizer as early in the spring as possible, and note the wonderful beauty with which it will repay you for the attention.

Lily of the Valley—Roots (or pips) of this great favorite.
Each5c; doz., 50c
Each (Postpaid)10c; doz., 60c
Clumps, each (Postpaid)..... 50c

Tiger Lily—Very large flowers, orange and black.
Each, 15c; (Postpaid).....20c
Dozen, \$1.50; (Postpaid).....\$1.75



Madonna Lily.

Candidum (Madonna Lily)—Large white flowers, fragrant.
Bulbs, each20c; doz., \$1.50
Bulbs, each (Postpaid).....25c; doz., \$1.65



LYCHNIS CHALCEDONICA—(Ragged Robin.)

A most desirable plant with brilliant scarlet flowers in June and July. A splendid cut flower.



Pentstemon.

PENTSTEMON.

A most useful and showy perennial, either for mass planting, the rockery or border work. In some respects they rival Phlox, Petunias, etc., especially for bedding purposes.

Barbatus Torreyi—Scarlet spikes, height 3 feet.

Digitalis — Purple and white.

PHYSOSTEGIA

(Virginia Heather)

One of the most beautiful of the Hardy Perennials forming dense bushes four to five feet high, with long spikes of tubular pink flowers like a gigantic Heather, and very valuable for cut flowers.



Hardy Phlox.

PHLOX—(Hardy.)

This is another hardy perennial in which we are specializing, and no better collection can be found in the entire Northwest than those offered. They will succeed in almost any soil and location, yet no class of hardy plants will better repay a little attention. Give them well spaded and enriched soil, with a good mulching of fertilizer in the early spring frequent waterings in the growing season, and they will produce enormous heads of brilliant bloom. Treated in this manner, and they will be one of the chief attractions of any hardy border.

F. G. Von Lassburg—The purest and largest white known.

Geo. A. Stroblein—Bright scarlet with crimson red eye.

Edmund Eostand—Reddish violet, shading brighter toward the center of petals.

Siebold—Bright scarlet and one of the very best of its class.

Vesuvius—Red with bright purple eye. Quite showy.

Von Hochberg—The finest crimson.

Elizabeth Campbell—Very bright salmon pink with dark red eye.

Bridesmaid—Pure white with large crimson carmine eye.

Pantheon—Bright carmine rose.

R. P. Struthers—Bright rosy carmine, with claret red eye.
De Miribel—White suffused with rosy scarlet; crimson eye.
Hyon—Reddish pink.
Bouquet de Fleurs—White, with a cherry eye.
Miss Lingard—A grand early dwarf white variety.
Drago—Light red with dark eye.
Elegantissima—A large flowered early white.
Verdi—A beautiful rosy-pink.

PYRETHRUM.

A Cluster of Pyrethrum in Our Nursery.

PYRETHRUM.

Too much cannot be said about this superb perennial, which will thrive under almost any conditions. Splendid for cutting, lasting a week in good condition.

Hybridum, Mixed (Single)—In the choicest shades of red and pink. June flowering.

Uliginosum—Grows 4 to 5 feet high, covered with large Marguerite-like flowers. The individual flowers are often 4 to 5 inches across and borne on a good stiff stem.

HARDY PINKS.**PINKS—(Hardy.)**

These are the old time Spice or Clove Pinks, and are indispensable for edging the hardy border, and also make beautiful independent beds. Their fragrance is delightful, are a most excellent cut flower, and will grow and succeed anywhere.

Homer—Rosy red with dark center.

Her Majesty—Large pure white flowers. Very fine.

Juliette—White laced crimson.

Stanislaus—Rose with crimson ring.

Swan—An everblooming white.

POPPIES.



ORIENTAL POPPY.

The perennial Poppies with their rich and brilliant colors make a dazzling effect during the summer months, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position. They are of the easiest culture, almost any kind of soil suits them, but they do best in a deep rich loam. Give them water occasionally during dry weather and they will increase in size and floriferousness for several years.

Oriental King—Large size, rich crimson.
Princess Victoria Louise—Salmon pink.
Goliath—A large flowered bright scarlet, of strong growth.



Iceland Poppies

Iceland Poppies—These plants give a profusion of cup-shaped flowers throughout the entire season and are very useful for cutting. Colors white, yellow and orange.

RUDBECKIA.

Golden Glow—This never seems to lose its popularity—it is very showy and easily managed. Four to five feet.

SCABIOSA JAPONICA.

One of the handsomest of the hardy perennials, bearing on long wiry stems beautiful artistic lavender blue flowers. A fine cut flower. 18 to 24 inches.

STATICE—(Great Sea Lavender.)

S. Latifolia—A noble plant for hardy border. Produces clumps of leather-like leaves, with heads of bloom which frequently measure 24 inches across, covered with small blue flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months.

SHASTA DAISY—See *Chrysanthemum Maximum*, Page 28.

SWEET WILLIAM—(See *Dianthus*, Page 28.)



SWEET ROCKET—(Hesperis.)

Strong growing perennials, forming bushy plants 3 to 4 feet high. Well known, and very valuable for cut flowers. Will succeed in almost any position.

White—Large flowered.
Purple—Large flowered.

VALERIANA OFFICINALIS—(Hardy Garden Heliotrope.)

A fine hardy plant, with very showy heads of rosy white flowers, produced in great numbers on stems about three feet high, heliotrope scented. A constant bloomer until frost.

VERONICA SPICATA.

This well known "Speedwell" is one of the best of the genus, bearing long spike of blue flowers from July until the early frosts. One to two feet.

VINCA (or Periwinkle.)

Minor—Also known as Trailing Myrtle. This pretty evergreen is extensively used for covering graves, producing in the spring an abundance of blue flowers.

Each 25c and 50c
Each (Postpaid) 35c and 65c

V. Minor Argentea Variegata—This new introduction is of the same habit as V. Minor, equally as hardy, but has beautifully silver edged foliage. A most valuable acquisition.

Small plants 15c each.....\$1.50 per doz.
Postpaid, 20c each.....\$1.65 per doz.
Large plants, 50c each.....Postpaid 65c
Large plants, \$5.00 per dozen by express

PEONIES



These old-time favorites are more than ever claiming the front rank of popularity. The new varieties introduced in recent years with their great variety of exquisite colors and such perfect flowers possess a striking individuality, and planted singly or in groups produce a gorgeous effect. Their only requirements are a good rich soil and a sunny position, which however, is not absolutely necessary as they thrive almost equally well in a partly shaded position. A liberal supply of water during the growing season being sufficient to give an abundance and wealth of flowers, producing a gorgeous effect not equalled by any other flower.

PEONIA OFFICINALIS

This is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other sorts. All are strong growers, with full fragrant flowers.

Officinalis Rosea—Double rose.

Officinalis Rubra—Double blood red.

Officinalis Mutabilis—Pink changing to white.

NEWER VARIETIES.

Baron Rothschild—Deep rose, mid-season. Long stem.

Edulus Superbus—Dark rose with light rose center.

Eugene Verdier—Pink, very full flower.

Felix Circusse—Brilliant red.

No Plus Ultra—Dark rose, very large.

Queen Victoria—Creamy white, early.

Hamel—Deep rose, large fragrant flower.

Rosea Magna—Dark pink, lilac center.

Comata—Very dark red.

Festiva Maxima—Creamy white with carmine center.

Lady Bramwell—Silvery rose.

Each, (according to size).....50c, \$1.00, \$2.00
Each (Postpaid)60c, \$1.25, \$2.25

Hardy Shrubs

Both evergreen and deciduous shrubs are an indispensable part of a well balanced garden. The varieties we list have been proven hardy in this climate, and we are constantly adding to the list, as fast as we determine the hardiness of desirable varieties. Those listed as half-hardy can be grown in this climate successfully with a protection of straw during the winter, the treatment required being the same as described for the winter protection of Roses, on page 26. Not only are hardy shrubs desirable as borders, but very many of them make beautiful specimen plants for the decoration of any lawn, and they are unusually attractive for cemetery planting. A thorough spading of the soil with the addition of well rotted stable manure before planting, and an occasional light cultivation of the surface to keep down weeds, water if in a dry location during the growing season, and a mulch of manure or a light top dressing of bone meal in the fall, are all the requirements that are needed to secure good results. For pruning, very little is required. Shrubs that bloom early in the season should be trimmed immediately after the blooming period is over. Shrubs that bloom late in the season, or fall, should be pruned early in the spring. All that is needed is to keep them trimmed to a symmetrical form, to remove all dead wood, and enough of the surplus wood to insure a good circulation of air and sunshine to all parts of the plant and border. We can usually supply large specimen plants of the varieties listed at a reasonable price. Write for special prices on your requirements in large or specimen plants.

KOSTER'S BLUE SPRUCE.

(*Picea Pungens Kosteriana*.)

This wonderfully decorative plant is quite hardy when planted out in the lawn to grow into a specimen decorative plant. When grown in a tub for decorative work on the porch, and for the house in winter, it is simply beautiful, and when too large, it can be transferred to the lawn for permanent ornamentation. The foliage is a bright silvery blue, of bushy habit.

Each, 3 feet, Balled and Burlapped for shipment, \$8.00; per pair, \$15.00.

Each, 4 feet, Balled and Burlapped for shipment, \$10.00. Express only.

COENUS—(Dogwood.)

Our Native Dogwood is a very ornamental shrub and in rows it is an effective windbreak. White flowers followed by white berries.

Each, 50c; postpaid.....60c

DEUTZIA GRACILLIS.

A handsome dwarf growing shrub, which actually covers itself with a mass of pure white blooms, borne in racemes, opening before the foliage has time to develop. One of the earliest shrubs to flower. Half-hardy, and requires protection in winter.

Each75c

ELDERBERRY—(See Sambucus, Page ??.)

HONEYSUCKLE (Bush)



Russian Honeysuckle.

Russian, Bush or Tartarian—One of the best shrubs. Many people think it is a vine, but it is a distinct shrub as much as a Lilac is. If you have not seen this, we strongly recommend it to you. For planting against a wall or anything to be hidden it is unsurpassed. For hedges it is also of great service. During the Spring months it is entirely covered with white and pink blossoms. It rivals the Lilac in beauty and excels it in hardiness.

Each.....25c, 50c and \$1.00
Large specimens\$2.00

LILACS

These shrubs have been planted for generations, but are as great a favorite today as ever. Our stock of Lilacs is complete and without rival in the northwest. The shrubs never looked better and the prices, compared with the quality and size of the bushes, are unequalled. Our selection includes all the standard varieties and the most recent introductions. The strong and hardy Lilacs sent out by us cannot be beaten. Our Lilacs are Montana grown and adapted to the northwest climate, especially the Purple, White and Persian varieties of the Bush types.

The Tree Lilac is one of the many improvements that have been made on the "old purple" and has permanently set the Lilac in the front rank as an ornamental shrub. The Tree Lilac was introduced in Montana by us nine years ago and has proven a decided success.

TREE LILACS

Double Varieties.

Alphonse Lavalee—Blue shading to violet, large panicles.
Dr. Troyanowsky—Mauve; enormous panicles.
Leon Simon—Bluish crimson; compact blooms.
Madame Lemoine—Superb double white.
Michael Buchner—Dwarf; pale lilac; very double.

Single Varieties.

Charles X.—Purplish red.
Colmariensis—Large pale blue flowers, fine foliage.
Japonica—A late creamy white variety.
Lilarsosa—Silvery pink; a favorite.

Souvenir de Ludwig Spaeth—Dark purplish red; large flowers.
Vivian-Morels—Light bluish lilac white center; good all round variety.
William Robinson—Violet mauve; popular.
Each.....\$1.00; the fourteen, \$12.00



Tree Lilac.



A Hedge of Lilacs.

BUSH LILACS.**Purple**—One of the most popular and extensively planted.**White**—Flowers are a fragrant, beautiful white.

Each, either variety.....50c, 75c and \$1.00

Madame Lemoine—Magnificent panicles of large double white blooms. (In tree form also.)

Each75c and \$1.00

Persian—This is quite distinct, with small foliage, graceful growth. Color the true lilac shade.

Each...50c, \$1.00, \$2.00

Lilac Rooted Cuttings—We receive many inquiries for young plants suitable for the planting of hedges of these favorites, and are now prepared to offer well rooted cuttings of the Purple and White varieties for this purpose. These are the varieties that have proven the most hardy and adaptable for this use in this climate.

Per 100.....\$10.00



Purple Lilac.



Philadelphus.

PHILADELPHUS.**Philadelphus**—(Syringa or Mock Orange.) A beautiful and well known flowering shrub; a native and therefore quite hardy; very rich fragrance.

Each25c and 50c

Postpaid35c and 65c

OLEASTER—RUSSIAN OLIVE.

(Elaeagnus Augustifolia.)

This is a new introduction to this section, and a decided acquisition to our hardy shrubs. The foliage is of a deep green on the upper side, and silvery white underneath, narrow and about three inches long. The flowers are yellow, very fragrant, and borne in great profusion in June. Its bushy habit will make it a favorite for hedge and screen purposes, as well as for ornamental specimen planting. Each, 3 feet.....50c

SAMBUCUS—(Elderberry.)

Very useful for a screen or windbreak.

Each, 50c; postpaid.....70c

SIBERIAN PEA—(Caragana.)

Notwithstanding recent introductions to this and similar shrubs, this favorite holds its own. It bears yellow, pea-like blossoms during May and June.

Each, 50c; postpaid.....70c

SNOWBERRY.

One of its most valuable features is the succession of pure white berries immediately after the blooming is finished. Each, 25c and 60c; postpaid.....35c and 60c



Snowball.

SNOWBALL—(Viburnum.)

Always a favorite, with its large globular, pure white flowers. Stands out conspicuously in any landscape work.

Each, 3 feet, 75c; 4 feet, \$1.00; postpaid, 60c and \$1.25.

V. Carlest—A new introduction from Korea, producing delicately spice-scented flowers in June. The unopened buds are a beautiful pink, opening to handsome white umbels of pure white resembling a huge Bouvardia, and lasting for weeks. A wonderful plant for the lawn or cemetery. Each.....\$1.50State Nursery & Seed Co.,
Caucas, Mont., June 4, 1918.

Helena, Mont.

Gentlemen:—My last order just received and it was perfect. The plants did not know they were moved. And you cannot know how I appreciate those roses. I wish to try to convey it to you in just a plain "Thank You."

Mrs. Bertha Kopp,
Camas, Mont.State Nursery & Seed Co.,
Chinook, Mont., May, 25, 1918.
Helena, Mont.

Gentlemen:—I am greatly pleased with the trees you sent me this spring. The Poplars are very fine, and uniform in size and shape.

Very truly yours,
LEO N. SANFORD.State Nursey & Seed Co.,
Springtime, Mont., May 23, 1918.
Helena, Mont.

Gentlemen:—I am glad to say that all the shrubs and plants received from you this spring are growing fine, and I am more than pleased with them.

Very truly yours,
Mrs. Jno. O. Miller.



Spiraea (Van Houtii.)

SPIREAS

Van Houtii (Bridal Wreath)—The grandest of all the White Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, almost completely covering the foliage.

Each, 25c and 50c; postpaid.....35c and 70c

Sorbifolia (Ash Leaved Spirea)—Beautiful foliage and white flowers.

Each, 25c and 50c; postpaid.....35c and 70c

S. Prunifolia—Another favorite variety. It produces long spikes of double blooms very freely, in May and June.

Each, 25c and 50c; postpaid.....35c and 70c

Big Sandy, Mont., April 29, 1918.

State Nursery & Seed Co.,

Helena, Mont.

Gentlemen:—The one dozen Canada Poplars received in good shape. They are certainly a fine lot of trees. Kindly accept my thanks for the Compass Cherry sent gratis.

Yours truly,

E. B. NEWHALL.

State Nursery & Seed Co.,

Helena, Mont.

Gentlemen:—The trees and plants received in good condition. Thanks for the complimentary, and your prompt delivery.

Mrs. J. C. Hanley.

Butte, Mont.

Hardy Vines and Climbers



Clematis Jackmanii in Helena.

CLEMATIS

One of the most popular of all trailing vines, used for covering house fronts or drooping over retaining walls. When in bloom the dense sheets of blossoms, with their most pleasing fragrance, give a beauty indescribable. Their variety of size, coupled with a wealth of bloom, puts them in a unique position.

Native—We have propagated this beautiful vine in great quantity, believing that when it is better known it will be grown wherever a vine is needed. It ranks with the Virginia Creeper in worth and bears magnificent foliage and masses of sweet scented flowers.

Each good strong roots.....50c; postpaid, 60c

Paniculata—White; grows anywhere with rapidity and profuse blooming; flowers very fragrant.

Each, full grown.....50c; postpaid, 60c

Henryii—Large pure white flowers, which are freely produced during summer and early fall.

Jackmanii—This is the popular rich purple variety with large flowers; very hardy and free flowering.

Madame Edouard Andre—Red, very attractive.

Each, pot grown plants\$1.00

Each, field grown plants50c

Each, field grown plants (Postpaid).....60c

CHINESE MATRIMONY VINE.

This is a medium sized creeper or traller, with foliage of a light grayish green. For about four months these masses of foliage variegated from colors of pink to purple. In the fall its branches are covered with bright fruits.

Each, 50c; postpaid.....60c

HOP ROOTS

For quickness in covering residences, fences, arbors, etc., the Hop Root leads. The peculiar shade of its foliage, extreme hardness and quick growth makes it a very desirable vine.

Each20c; doz., \$2.00

Each (Postpaid)25c; doz., \$2.25

State Nursery & Seed Co.,

Helena, Mont.

Gentlemen:—Please send me * * * * * The Pansies I ordered last spring have been a thing of beauty and joy all summer.

Sincerely yours,

Mrs. C. A. Purdon.

Harrison, Mont., Sept. 10, 1918.

VIRGINIA CREEPER



Virginia Creeper on a Helena Home.

VIRGINIA CREEPER

(*Ampelopsis Quinquefolia.*)

The well known Virginia Creeper is undoubtedly the very best and most hardy vine that has been introduced into this section. Everywhere that it has been planted it has succeeded wonderfully. It will make a beauty spot of any wall, and is of rapid growth. The foliage is of a rich deep green in the summer months, turning in the fall to the most brilliant crimson and gold imaginable. Our stocks of this vine are perhaps the finest in the country, and for general purposes it cannot be recommended too highly.

Each	75c and \$1.00
Postpaid	85c and \$1.25
Extra Large Plants.....	\$2.00 each

SOLANUM—(German Bittersweet.)

A vine of rapid growth and climbing habit. Foliage is a beautiful dark green. In the summer it is covered with violet-purple blossoms and bright green fruits, which turn to a brilliant scarlet. Very hardy.

Each, 35c; postpaid

Shade and Ornamental Trees

IMPORTANT TO TREE BUYERS.—In buying shade and fruit trees or other Nursery Stock from THE STATE NURSERY AND SEED CO., you are also getting free of charge the experience of TWENTY-NINE YEARS of production of these goods in Montana. This can not be offered you by any other house at any price.

State Nursery and Seed Co.'s trees are the best the Northwest can produce and the numerous unsolicited testimonials we receive bear out that fact. Our location is ideal, with soil, that gives all our trees the one essential requirement, a good strong fibrous root.

Our trees are being planted for parking not only by private persons but by many of the cities throughout the State. We cordially invite correspondence from City authorities on this subject.

Ideal packing is our specialty, the trees reaching you in practically the same condition as when they were dug. Trees are wrapped the full length in burlap and the roots covered with wet moss.

We guarantee all stock true to name, but can only replace trees that die at half price as we use every endeavor to send out only trees that are in perfect condition.

Write for special prices when wanted in large quantities.



American White Ash.

ASH—(American White.)

The best hard wood tree for Montana, being extremely hardy, and growing into a most beautifully formed head. (See cut.) We cannot recommend this tree too highly for this section, either for parking purposes or for planting as individual specimens. We call attention to the \$2.00 size—8 to 9 ft. high. The 7 to 8 foot tree is generally planted for street parkings and we invite correspondence from city authorities.

Each, 6 to 7 ft. high.....	\$1.00; doz., \$10.00
Each, 7 to 8 ft. high.....	\$1.50; doz., \$15.00
Each, 8 to 9 ft. high.....	\$2.00; doz., \$20.00
Specimen Trees, 10 to 15 ft.....	\$3.00 to \$5.00



Mountain Ash Berries.

MOUNTAIN ASH—(Rowanberry.)

This is one of the most beautiful of our ornamental trees. Their luxuriant pinate and beautiful foliage gives them a very soft appearance.

European Mountain Ash—Extremely hardy with a fine soft shade of green foliage. Bears white blossoms in the Spring and red berries in the Fall, making it an ornamental tree throughout the season.

Each, 8 to 10 ft., \$1.00; doz., \$10.00



Our Trees—In Grounds of Helena Home.

BALM OF GILEAD.

Well matured trees; have the most exquisite dark and rich shades of foliage. This tree takes root easily and seems to thrive anywhere.

Each, 5 to 6 feet.....	50c; doz., \$5.00
Each, 6 to 8 feet.....	\$1.00; doz., \$10.00



Cut Leaved Birch.

BIRCH—(Cut Leaved Weeping.)

The picturesque beauty of its bark and the delicately cut foliage make it very popular. Unfortunately, this tree is one of the hardest trees to transplant known, and while we take every possible precaution to insure delivery in perfect condition, we cannot undertake to replace this tree for half price as stated on page 51. We are compelled to sell at purchaser's risk only. However, its great beauty and extreme hardiness when established, make it well worth a trial.

Each, 6 to 8 feet.....	\$2.00
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BOX ELDER.

Often called the Ash Leaved Maple. Requires but moderately rich soil, and is of a vigorous growth. Has been so popularly planted that it needs no description.

Each, 6 to 8 feet.....	75c; doz., \$8.00
Each, 8 to 10 feet.....	\$1.00; doz., \$10.00

ELM.

This well known and majestic tree is being more and more recognized as one of valuable shade trees in Montana. Our Montana grown stock is in great demand, and fine specimens can be seen in almost every city in the state.

Each, 6 to 8 feet.....	\$1.00; doz., \$10.00
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NORWAY MAPLE.

The Maples are increasing in popularity owing to the profusion of foliage and majestic upright rapid growth.

Norway Maple—An excellent shade tree, the foliage in the fall assuming very striking tints of yellow.

Each, 6 to 7 feet.....	\$1.00; doz., \$10.00
Each, 7 to 9 feet.....	\$1.50; doz., \$15.00

SILVER MAPLE (Acer Saccharinum.)

The Silver Maple is better known as the Sugar Maple or Soft Maple. It is one of the handsomest of the species, of very hardy nature, of easy culture, and rapid growth, forming well shaped trees, when given sufficient room to develop. Splendid stock.

Each, 8 to 10 feet.....	\$1.25
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A Block of Young Poplars.

POPLARS.

These hardy trees thrive in almost any soil, and as a class are unequalled for this section. They are of rapid growth, and are used in increasing numbers every year in all parts of this state.

Canada Poplar—This is the hardiest variety of the family, and by far the best for this section. Whether it is desired for shade trees on a lawn—for city parkings—or to be grown as a specimen tree, its handsome foliage, symmetrical rapid growth readily distinguish it from any other tree. The stock we offer this season of this favorite is the best we have yet been able to offer our customers, and the large blocks of them in different stages of growth have attracted the attention of every visitor to the outdoor section of our Nursery.

Norway Poplar—Another good variety, grows to a very large size.

Silver Leaved Poplar—Under side of leaves are a beautiful silver grey, making it decidedly distinct from any of the other varieties.

Lombardy Poplar—This variety is a very rapid grower—very erect, forming living pillars of handsome green foliage. This peculiar habit combined with its hardy nature, make it the best variety for windbreaks, the tall green pillars rapidly reaching to a great height.

Each, 4 to 5 feet.....	50c; per doz., \$5.00
Each, 5 to 6 feet.....	75c; per doz., \$8.00
Each, 6 to 7 feet.....	\$1.00; per doz., \$10.00
Each, 8 to 10 feet.....	\$1.50; per doz., \$15.00



Windbreak of Russian Willows.

WILLOWS.

One of the most hardy class of trees known. The cultivated varieties we offer are invaluable for the rigorous climate of Montana. They are of very rapid growth, and make fine attractive trees for any position.

Golden Willow—Golden colored growth, makes a handsome specimen tree anywhere, and hardy under all conditions.

Each, 4 to 5 ft.....	35c; doz., \$3.00
Each, 5 to 6 ft.....	50c; doz., \$5.00
Each, 8 to 10 ft.....	\$1.00; doz., \$10.00

Laurel Willow—The cultivated Pussy Willow. Not the wild pussy willow of our river bottoms, but a far superior type. Of very upright growth, forming a large, round head, with deep shining green foliage.

Each, 6 to 8 ft.....	\$1.00.
10 to 12 ft.,	\$3.00

Russian Willow—A very strong growing tall variety, extremely valuable for windbreaks, very hardy and of very rapid growth and of great value also for specimen trees.

Each, 4 to 5 ft., 35c.....	doz., \$3.00
Each, 5 to 6 ft., 50c.....	doz., \$5.00
Each, 8 to 10 ft., \$1.00.....	doz., \$10.00

LARGE SPECIMENS of the Russian and Golden Willow, 12 to 15 feet can be supplied. Write for prices, stating number required.

TREE CUTTINGS.

We sell quantities of Cuttings of the following varieties: Poplars, Willows, Balm of Gilead. These cuttings are about six inches long and in bundles of 100.

Per 100.....	\$1.50; per 1,000, \$10.0
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Colorado Blue Spruce

SPRUCE.

The Spruce is by far the most popularly planted being thought by many the best of the evergreens. Its dense foliage and conical shape makes it very valuable for both ornamentation and windbreaks.

Colorado Blue Spruce—A rich blue foliage and very stiff pointed. This beautiful hardy spruce should be far more planted in this section. It is one of the most attractive evergreens that can be used for any purpose, being equally useful for combination with deciduous trees for windbreaks or for handsome specimen trees for the lawn or grounds.

Each\$5.00 to \$7.50



Norway Spruce.

Norway Spruce — Very dark green, well formed and dense foliage. Each \$1.00, \$2.00, \$3.00 and \$5.00.

Douglas Spruce — Foliage resembles that of Hemlock; of graceful habit. Each 50c to \$2.00. Write for special prices on specimen trees. Our prices will be interesting.

PLANTING TREES

On receiving Trees unpack without delay, cover the roots with earth and water freely.
The roots should never be exposed to the air after wrapping is removed.
All bruised ends of roots should be trimmed.
When planting do not expose roots by taking more than one tree at a time.
All Trees should be planted about 2 inches deeper than they were at the nursery. (The mark at the base determines this depth.)
Complete by well watering.
Soil should be firmly packed around the roots. This is an essential point.

GUIDE TO PLANTING TREES, ETC.

30 feet apart each way.....	Trees to Acre	50
25 feet apart each way.....		70
20 feet apart each way.....		110
18 feet apart each way.....		135
15 feet apart each way.....		205
12 feet apart each way.....		300
10 feet apart each way.....		435
8 feet apart each way.....		680
6 feet apart each way.....		1210
5 feet apart each way.....		1745
4 feet apart each way.....		2725
3 feet apart each way.....		4840

Fruit Trees and Small Fruits

We are specialists in Fruit Trees for the private individual and our stock is grown more especially for this class of trade. Our list is somewhat limited, because we offer only what we have proven to be adapted to the Montana climate. Montana is a cold state and is useless as we have proved from experience—to expect varieties that do well in milder locations to stand our winters. If, however, you are desirous of getting something we do not list, let us know, and we will supply you, at the same time giving you our candid advice. All the trees listed here we can recommend for hardiness and good value, in the best of the standard varieties. Our experience of twenty-eight years is offered to you in this catalog in its entirety, free of all charge, an invaluable aid to purchasers of Fruit and other trees.

APPLES

Our Apple Trees are the very highest in vigor. Grown in a medium light soil, they have that one essential thing, a strong fibrous growth.

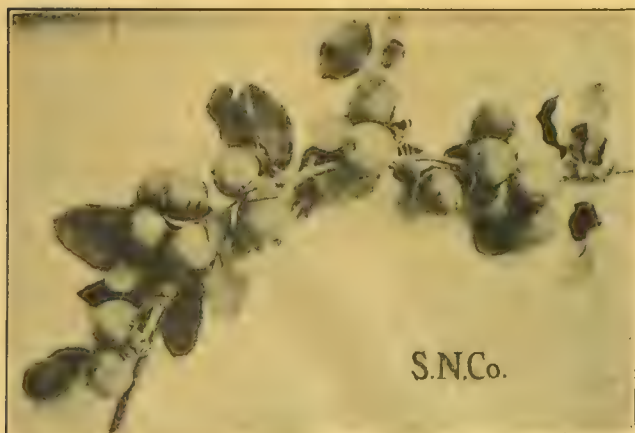


Duchess.

Duchess of Oldenburg—One of the hardiest and most productive of our large apples. Fruit streaked red. (Fall variety.)
Wealthy—Does well wherever grown—leading winter variety for Montana. Large red fruit.
Yellow Transparent—Earliest and of splendid quality, and does well in any exposed situation. Fruit light yellow.
Fameuse (Snow)—A late Fall variety not large fruit but plenty of it and the quality is grand—dark crimson with snow-white flesh.
Hibernal—One of the hardiest, and will do splendidly in exposed places. Origin Russia. (Fall variety.)
N. W. Greening—Origin Wisconsin. Fruit a yellowish green. A Winter variety.
Gano—A rival of the well-known Ben Davis. The tree is a very vigorous grower. Origin Tennessee. Winter variety.
Each, any variety.....75c; doz., \$7.50
Our special size.....\$1.00; doz., \$10.00



Wealthy Apple in Fruit



Transcendent Crab.

CRAB APPLES

Hyslop—A very beautiful Crab. Large, deep crimson fruit

Martha—Glossy yellow fruit, shaded red.

Transcendent—Very productive; fruit yellow with red cheek. The variety generally used for jelly.

Whitney—Bears quantities of very large fruit. Good both for eating and cooking. Very hardy.

Each, any variety 75c; doz., \$7.50

CHERRIES

Cherries do very well in some parts of Montana, while in others they will not succeed. We advise our customers, where Cherries are not grown, to test a tree or two of the hardiest varieties, before attempting to plant on a large scale. This will lead to practical knowledge for the different localities, and prevent severe disappointment.

Early Richmond—A splendid variety in dark red.

English Morello—A blackish, red sort, acid and juicy.

Dyehouse—Similar to Early Richmond, but earlier.

Montmorency—One of the finest flavored and very hardy.

Each.....\$1.00; doz., \$10.00



Rocky Mountain Cherry.

Rocky Mountain—Grows to a height of four feet and its load of white blossoms in spring is followed by quantities of black fruit that ripens late. A distinct bush.

Each.....\$1.00; doz., \$10.00

PLUMS

Lombard—Medium sized fruit borne in great quantity.

Weaver—Large purple fruit, very abundant.

Bradshaw—Very large dark violet red fruit juicy and of splendid quality.

Each.....\$1.00; doz., \$10.00

Compass Cherry Plum—This is a cross between a Cherry and a Plum, and one of the very best trees for Montana. It is extremely hardy, and will thrive where any other tree will hardly grow. In the spring it is covered with a dense mass of blossom, making it invaluable for planting as a decorative tree anywhere. It bears enormous quantities of fruit, which ripen late in the season, and are invaluable for jelly.
Each50c



BLACKBERRIES

Pamphlet on CULTURE OF BUSH FRUITS and STRAWBERRIES free —on application.

To get best possible results plant in rows six feet apart about three feet in the row.

Snyder—Very productive and hardy; fruit sweet and juicy, ripens early.

Each.....10c; doz., 75c
Each (Postpaid) 20c; doz., \$1.00

CURRENTS.

Besides being a desirable fruit bush, it also forms a very ornamental bush in landscape work. Last year our sales of currant bushes were far in advance of previous years, a significant proof of their popularity. Our bushes this year are exceptionally vigorous, upright and compact.

Red Variety (Cherry)—Very productive, color a bright red, in profuse clusters.

North Star—Fruit borne on naked stems, quality rich and mild, good red color.

Fay's Prolific—Fruit average, bright red color thin skin.

Common Red—Berry medium to large.

White Variety (White Grape)—Spreading bush and very productive, berries very large.

Black Variety (Black Naples)—Fruit varies from small to large, well known variety.

Each.....25c; postpaid.....35c; per doz.....\$2.50
Postpaid\$3.00
Each, large size, 50c; postpaid.....65c
Per doz., \$5.00; postpaid.....\$5.50



Currant (Perfection.)

Perfection—We offered this seven years ago and met with a great sale. It is a cross between Fay's Prolific and White Grape. Quality superior to any yet on the market. Rich sub-acid flavor with plenty of pulp and few seeds. A valuable addition to the red varieties.

Each50c; doz., \$5.00
Each (postpaid), 75c; per doz.,.....\$5.50

GOOSEBERRIES



When planted a good distance apart and given good, shallow surface cultivation the Gooseberry does exceptionally well in this state, and should be more generally planted.

Columbus — Hardy and large, and we have grown it for years in unsheltered positions.

Smithers — A purple variety of medium size, very prolific and hardy.

Gooseberry.

Each, any variety.....25c; doz., \$2.50
Each (Postpaid)35c; doz., \$2.75
Large Plants, each 50c; postpaid.....65c

Native Wild Gooseberry—We offer this for hedges which are desired to turn dogs or other objectionable animals. They can be kept pruned to any desired thickness and are impenetrable.

Each, 3 to 4 feet, 50c; per 100.....\$30.00

GRAPES



Campbell's Early Grape.

GRAPES.

The following varieties are the hardest.

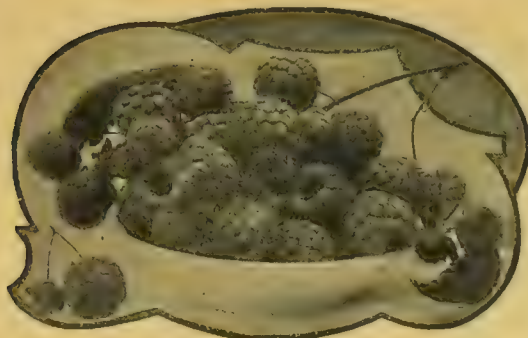
Campbell's Early—An improved Concord.

Concord—The most popular.

Worden—Black, hardy, good quality.

Each (postpaid)50c

RASPBERRIES



RASPBERRIES.

While not necessary it is however, advisable to protect the Raspberry canes through the winter; we use straw for this purpose.

Herbert—This is the best variety, grows freely, hardy and produces its rich red fruit in abundance.

Price (Postpaid) per doz.\$1.00

Marlboro—Strong grower, fruit large and sweet, red.

King—A fine hardy luscious red.

Golden Queen—The best of the yellow varieties.

Gregg—Black, splendid yielder.

Price, any of the last three varieties, doz.75c

STRAWBERRIES

Pamphlet on Strawberry and Bush Fruit Culture FREE, on Application.

The fruiting plant that stands the severe conditions of Montana's climate with splendid credit to itself is the Strawberry. For the space it occupies in the garden it is hard to find anything to equal it and our patrons show a constantly increasing appreciation of this fact.

Strawberries are either Perfect or Imperfect flowered. The varieties listed below are all of the perfect flowered type.

We desire to call especial attention to the Everbearing varieties quoted. They should prove of more than usual merit for both home culture and market purposes. About 8000 plants to the acre.



Senator Dunlap, P.—Hardy, strong grower, prolific, plant-maker, good bearer of firm berries that stand transportation well. The best early, mid-season berry for Montana and more generally planted than any other.

Wm. Belt, P.—No berry sufficiently hardy to stand our high elevations is equal to this in flavor. Plants are good sized and productive. A splendid mid-season berry, sure to please all who grow it who like fine fruit.

Glen Mary, P.—Does well in Montana in the more favored localities where it produces a good crop of fruit on plants somewhat similar to Senator Dunlap.

Brandywine, P.—A mid-season variety, with large, rich red fruit, delicious flavor. A high grade berry.

Dr. Burrell, P.—A mid-season berry, very firm fruit, good color and a heavy yielder.

Any of the above varieties (Postpaid) 100, \$2.00
(Not less than 25 of a kind supplied.)

Everbearing Strawberries

This type of Strawberry is becoming a great favorite in the northwest. Their extreme hardiness, combined with their long bearing season, make them doubly valuable, not only to the commercial grower for the market, but also for the private garden.

Progressive, P.—One of the first of the type to be introduced. A fine well-colored berry, of delicious flavor. A good shipper.

Superb, P.—Another splendid variety, superb not only in name but in every good quality which goes to make a fine strawberry. A good shipper.

Either variety, per 100 (Postpaid)\$3.00
(Not less than 25 of a kind supplied.)

Either variety, 500 (Postpaid)\$12.00
Either variety, 1,000 (Postpaid)\$20.00

TO OUR CUSTOMERS

We issue the following list of Pamphlets and leaflets on the subjects named. These will be found of great value both to the amateur and also the more advanced gardener, and have been compiled by experts in their several lines.

FRUITS—

Strawberries and Bush Fruits.
Standard Fruits.

TREES, ETC.—

Deciduous Trees and Shrubs.
Evergreen Trees and Shrubs.
Lawns—How to Prepare and Care for.
Hardy Climbers.

HARDY FLOWER GARDEN—

Hardy Perennials; Peonies; Iris; Pansies; Violets; Asters.

HOUSE AND GARDEN PLANTS—

Ferns; Geraniums; Cyclamen; Tuberous Begonias; Dahlias; Sweet Peas; Roses; Care of House Plants; Palms in the House.

VEGETABLE GARDEN—

Asparagus; Forcing Asparagus and Rhubarb; Cabbage and Cauliflower; Celery; Tomatoes; Onions; Lettuce; Melons; Hotbeds; Mushrooms.

FARM CROPS—

Alfalfa; Registered Grimm Alfalfa; Liscomb Alfalfa; Corn in Montana; Canada Field Peas; Brome Grass; Sweet Clover; Crops for Emergency.

INSECTICIDES—SPECIAL TOOLS, ETC.—

Black Leaf 40; Corona Insecticide Products; Weeders; Planet Jr. Catalogs; etc.
We will be pleased to send those of the above in which you are especially interested—free—on application.

STATE NURSERY & SEED CO.

Vegetable Plants and Garden Roots

Tomato Plants



This well known summer fruit is fast becoming a staple article of diet in Montana. With the exception of the higher altitudes, they can be readily grown and with success. As a staple article, they should be grown far more than they are, large as is the quantity now planted. As in older sections of the country, in most parts of Montana, it will be found practical to grow sufficient quantities of this delicious and healthful fruit for canning purposes, as well as for fresh table consumption.

Number of plants required per acre—Staked or upright method, 3 feet in the row and 5 feet between rows—2904.

Pot grown plants while more expensive are far more satisfactory, and when only a few are to be planted we strongly advise the pot grown, as they will under normal conditions produce far more fruit and produce it earlier, a most decided advantage in regions where early frosts prevail.

We list the following varieties as being suited to our climate: **John Baer**—The earliest and best. By far the leading variety for Montana.

Bonny Best—Another good early sort.

Acme—An old standard.

Earliana—Fruit large.

Montana Beauty—Large and good flavor.

Golden Queen—Solid, smooth and best of the yellow varieties.

Dozen 3 inch Pot grown plants.....	\$1.00
Dozen, 3 inch Pot grown plants, postpaid.....	\$1.25
Dozen 4 inch Pot grown plants.....	\$2.00
Dozen 4 inch Pot grown plants, postpaid.....	\$2.50
Dozen, from boxes, 35c; 100.....	\$2.00
Dozen, from boxes, Postpaid, 45c; 100.....	\$2.20

Asparagus

We offer roots of this vegetable in a tried variety: **Palmetto**—Early and of excellent quality.

Dozen, 1-year-old.....	25c; 100, \$2.00
Dozen, 2-year-old.....	50c; 100, \$3.00
Dozen, 1-year-old (Postpaid).....	45c; 100, \$2.40
Dozen, 2-year-old (Postpaid).....	60c; 100, \$3.60

Cabbage Plants

With perhaps the exception of the extremely high altitudes, Montana can produce as many pounds of this necessary vegetable to the acre as almost any state in the Union. To secure the best and quickest results irrigation is necessary on dry lands. Too much water, will, however, result in "splitting." The varieties we list below are those which have proven the best both in weight and quality for this section.

Early cabbage 10,000 to 12,000 plants per acre. Late cabbage 6,000 to 8,000 plants per acre.

Copenhagen Market—Earliest and best Cabbage.

Hundred	\$1.00, 1,000, \$6.50
Hundred (Postpaid)	\$1.15

Early Varieties—Ready from May 1st.

Hundred	75c; 1,000, \$5.00
Hundred (Postpaid)	85c

Late Varieties—Ready from May 10th.

Hundred	75c; 1,000, \$5.00
Hundred (Postpaid)	85c

Red—For pickling.

Hundred	\$1.00
Hundred (Postpaid)	\$1.15

Savoy—

Hundred	\$1.00
Hundred (Postpaid)	\$1.15

Cauliflower

50 plants per 100 ft. of row. 8,000 plants per acre 3'x2'. Cauliflower grows splendidly in Montana. A money making crop in favored sections.

S. N. & C. Co.'s Peerless Snowball—Earliest and best of all.
Hundred, \$1.25; 1,000.....\$8.00
Hundred (Postpaid).....\$1.35

Celery

14,000 to 15,000 Plants to the Acre.
100 to 100 ft. of row.

S. N. & S. Co.'s Peerless White Plume—For Fall and Winter use. Self blanching.

S. N. & S. Co.'s Peerless Self-Blanching—Early, solid, crisp; delicious flavor.
Hundred, either variety.....\$1.00; 1,000, \$7.50
Hundred (Postpaid).....\$1.25

Cucumbers

We have the splendid White Spine and Long Green varieties. From pots:

Each, either kind.....	10c; doz., \$1.00
Postpaid	15c; doz., \$1.25

Chives

For flavoring.

Each	10c; doz., \$1.00
Each (Postpaid)	15c; doz., \$1.25

Egg Plant

Ready May 20th.

Each	10c; doz., \$1.00; 100, \$6.00
Each (Postpaid)	15c; doz., \$1.15

Horse Radish

12,000 Plants to Acre.

Nice Roots.	
Each	10c; doz., \$1.00
Each (Postpaid)	15c; doz., \$1.25

Mint

Spear—For mint sauce and julep.

Each	10c; doz., \$1.00
Each (Postpaid)	15c; doz., \$1.25

Parsley

Each	5c; doz., 50c
Postpaid	10c; doz., 70c

Pepper

Large Bell or Bull Nose—The variety for Montana.

Dozen	35c; 100, \$2.50
Postpaid	50c; 100, \$2.75

Rhubarb

33 to 100 ft. of row. 5,000 to acre 5'x3'.

A very large demand for our Rhubarb roots has caused us to grow them more extensively.

S. N. & S. Co.'s Monarch—Large red stems.

Each, 2 years old.....	20c; doz., \$2.00
Postpaid	35c; doz., \$2.35

Cut Flower Department



No. 165—Bride's Bouquet of Roses and Valley
\$15.00 to \$25.00

Our Cut Flowers Department is perhaps the most up-to-the-minute of any in Montana. It is in charge of one of the foremost experts in this line obtainable, aided by a corps of capable assistants.

The fact that we grow all our own flowers, coupled with the foregoing, insures that all orders for this class of goods will be filled with the highest quality, and put up in the most artistic manner known to the craft.

We also wish to call your attention to the means at our command, whereby we can deliver cut flowers for any occasion, at any point, in the United States, Canada, or the principle cities of Europe, with the card of the donor attached, and delivered right on the hour required. Orders of this kind are delivered with all charges prepaid and charged to the person giving the order. This is accomplished by means of the FLORISTS TELEGRAPH DELIVERY ASSOCIATION, of which we are members, and is composed of the leading florists in all parts of the country. This service usually requires but a few hours notice.

When time is limited, it is always best to use either Phone or Telegraph, so as to give us the best opportunity possible to get out what you desire, and also prevent exasperating errors and delays.

The following pages will give some idea to distant customers of what we can offer in this line, and we can always be relied upon to furnish the latest and most appropriate designs in anything floral, for any occasion whatever.

For cut flowers for any purpose, Phone (Bell) 327, Helena, Montana, between the hours of 8 A. M. and 6 P. M. After 6 P. M. telegraph the STATE NURSERY AND SEED CO., Helena, Mont., and we will guarantee satisfaction.



No. 1—Funeral Spray of Carnations. \$3.00 to \$10.00



No. 2—Pillow. \$7.50 to \$20.00

Funeral Emblems

We can, at very short notice, make up almost any floral emblem wanted. The emblems most generally used are:

Wreaths	\$5.00 to \$25.00	Harps	\$10.00 to \$35.00
Pillows	\$5.00 to \$25.00	Stars	\$5.00 to \$15.00
Crosses	\$5.00 to \$25.00	Lyre	\$10.00 to \$35.00
Rock of Ages.....	\$20.00 to \$50.00	Broken Wheel.....	\$12.00 to \$50.00
Anchors	\$5.00 to \$20.00	Broken Column.....	\$10.00 to \$40.00
Hearts	\$5.00 to \$15.00	Gates Ajar.....	\$25.00 to \$50.00

Emblems of Fraternal Organizations

Prices range from \$5.00 to \$25.00 each. When ordering state amount you wish to pay and we will guarantee satisfaction.



No. 17—A Funeral Spray of Callas with their Own Foliage. \$5.00 to \$15.00



No. 70—Broken Column
\$11.00 to \$25.00

Funeral Sprays

We make more Sprays than anything else for funerals. Most any seasonable flower is suitable and quite appropriate for this purpose. When the choice is left to us, we select the best flowers we have. Prices range from \$3.00 to \$20.00.

Blanket or Casket Cover

These are made either plain or very elaborate, and prices range from \$35.00 to \$75.00.

Table Decorations

Table Center Pieces artistically made up and ready for immediate use. Prices \$5.00 to \$10.00.

Shower Bouquets

Our Shower Bouquet for the Bride, made up of either Orchids, Bride-Roses, or other seasonable flowers. Tied up with loops of white baby ribbon and chiffon, giving them lightness and airiness. Can be carried by the most particular of Brides.

Prices.....\$15 to \$35

Bridesmaid Bouquets are usually made in color to correspond with the ladies' gown.

Prices.....\$10 to \$25

The less elaborate Bride or Bridesmaid Bouquet are more often used. Being simply a bunch of flowers well made up and all ready to carry.

Bride Bouquet.....\$5 to \$15

Bridesmaid Bouquet.....\$4 to \$12

We also make up Corsages of Orchids, Violets, Roses or other seasonable flowers

Prices.....\$2 to \$10

For Anniversaries, Birthdays, etc, we carry the latest novelties in Baskets, Fereries, Jardinieres, Horseshoes, etc., and filled with choicest flowers.

Prices.....From \$5.00 up

All prices are subject to change. Prices are usually higher at Christmas, New Year, Easter and Decoration Day. Write for special lists for these dates.
Our flowers are all grown at the Nursery and therefore, fresh, and will stand a journey of from one to three days.
We guarantee safe arrival of all flowers, especially when sent by express.

Cut Flowers

	Per Dozen.
Red Roses	\$2.50 to \$3.50
Pink Roses	\$2.50 to \$3.50
White Roses	\$2.50 to \$3.00
Yellow Roses	\$2.50 to \$3.00
Carnations	\$1.00 to \$2.00
Violets, per 100.....	\$2.00 to \$4.00
(Season Sept. to April.)	
Chrysanthemums, choice Yellow, pink and white,..	\$5.00 to \$10.00
(Season Oct. to Dec.)	
Fancy Single Chrysanthemums	\$2.00 to \$3.00
Pom-Pon Chrysanthemums	\$1.50 to \$2.00
Daffodils	\$.75 to \$1.50
(Season Jan. to April.)	
Tulips	\$1.00 to \$2.00
(Season Jan. to April.)	
Narcissus	\$.75 to \$1.50
(Season Jan. to April.)	
Gladiolus	\$2.00 to \$3.00
(Season June to Dec.)	
Asters	\$.50 to \$1.00
(Season June to Oct.)	
Peonies	\$2.00 to \$3.00
(Season June.)	
Orchids	\$12.00
Easter Lilies	\$4.00 to \$5.00
(Season Feb. to May.)	
Calla Lilies	\$4.00 to \$5.00
(Season Oct. to June.)	
Fern Leaves	\$.25
Maiden Hair Fern, per doz. sprays.....	.75c
Asparagus Fern Strings	Each 75c
Smilax Strings	Each 50



S. N. & S. Co.'s Carnation Range.

Some idea of the enormous volume of our Cut Flower business in this section, and of our ability to promptly fill all orders, may be gathered by reference to the accompanying photo. This depicts part of the range of glass (four additional houses having been added since this photograph was taken) devoted entirely to the growing of Carnations for Cut Flowers, and requiring about 50,000 plants to fill the benches.

The mountains in the picture, the foot of one of which adjoins our Nursery, are part of the Great Continental Divide of the Rockies.

Orders for less than \$1 in cut flowers are not solicited as the cost of packing is too large to make smaller orders profitable.

If you wish shipments prepaid please include enough with your remittance to cover same.

Where the price of cut flowers exceeds the money sent your order will be filled to value.

Spring 1919---Twenty-Ninth Year

SEED DEPARTMENT

Suggestions to our Customers in Ordering from this Catalogue, the reading of which will aid both you and us

EARLY ORDERS—Our rush season comes in the months of March and April. Orders sent AT ONCE secure prompt shipment at the proper time from full stocks.

HOW TO ORDER—Write your name, postoffice, state and express office and railroad company plainly with ink, on every order, and also when you write us concerning it. Give plain express, mail or freight directions; where none are given, we route goods at buyer's risk.

USE ORDER SHEET—The use of the order sheets enclosed in this catalogue are a great help to us in filling and shipping orders. Instructions for use are on the sheets. More will be sent on receipt of a postal asking for same. Flower or Vegetable Seed Orders should plainly state quantity before the name of the variety. Plant orders should give quantity, variety and price. Do not write letters on order sheet.

KEEP A COPY OF YOUR ORDER and mark off goods as received. Sometimes items may be sold out or will follow later, in which case a slip is enclosed with other goods, or notice sent.

ORDERS ARE PROMPTLY FILLED and as far as practicable, in rotation. All orders not shipped on day of receipt are acknowledged by a postcard giving the number of the order on our files. If you do not hear from an order sent us within a reasonable time, send us a duplicate of it giving date of order, amount of same, form of remittance, your full name and address, and if you have received the card of acknowledgement, the number of the order given on that card. If you will, in case of what appears to you to be an unreasonable delay, give us these items of information in your letter regarding the order, it will aid us greatly and save valuable time in the rush season in tracing the order.

ALWAYS, IF POSSIBLE, when writing in reference to an order, give the number of the order referred to.

MISTAKES—These will happen in spite of all care. Write us at once with a copy of original order if possible, and errors will be promptly rectified. Please do not return goods until you hear from us.

FREIGHT OR EXPRESS—All express lines in the United States and Canada carry seeds at special rates. Plants come at the same special rate when out of pots and this includes nursery stock. On moderate sized orders, we advise express shipment rather than freight.

HOW TO SEND MONEY—Send cash with order (as we do not open book accounts for small amounts) by Draft, Postoffice or Express Money Order whenever possible; these are cheap and safe. Postage stamps are taken as cash for small amounts and we prefer denominations such as 5c, 10c or 15c. Registered letters can be sent from any postoffice, and your receipt sent you by return mail, by which you know it has reached us. Local checks are accepted. Make money orders or checks payable to State Nursery and Seed Co.

RECOMMENDATIONS—We tender our sincere thanks to the numerous customers who have been kind enough to recommend us. We are always pleased to mail our catalogue to friends of our customers on request. We catalogue only such goods as have proved suitable to our climate. We trust that our efforts to simplify the task of selection will meet the approval of our many friends. Our seeds are the best that can be obtained, and our facilities for testing same are unexcelled.

SEEDS BY WEIGHT—Most all of our seeds are sold by weight, which we believe to be the most satisfactory method. Half pounds and over, at pound rate; less than half-pounds at ounce or quarter-pound rates.

All Flower and Vegetable Seeds in pkt., oz., ¼-lb., pint, or quart, sent prepaid to your Railroad Station or Postoffice, except where noted. Field Seeds by freight at purchaser's expense.

REGARDING PREMIUMS—In conformity with the law passed by the 1917 session of the Montana Legislature, absolutely prohibiting the giving or offering of premiums in any form or manner, we have discontinued this form of advertising. We will endeavor to more than offset this by giving if possible better goods, based on current market prices. Note the following, formerly given as premiums:

FARMERS READY REFERENCE BOOK—The most complete farm book on the market. Every department of farm life covered in detail by experts. Each (Postpaid), 15c, while the supply on hand lasts. Well worth several times its cost.

NATIONAL COOK BOOK—A manual of Good Recipes, carefully chosen from the contributions of over two thousand successful cooks and chefs in this and foreign countries, also useful notes on the various classes of good things to eat, all of which have been carefully checked and re-checked by competent authority. Special attention has been given to Bread and Pastry Making and the various dainties dear to good cooks. Each (Postpaid) 15c, while the supply on hand lasts; in every respect the equal of any book of its kind ever published.

SPECIAL FOR THE FARMER—A set of 20 varieties of Farm Seeds—Alfalfas—Clovers—Millets—Grass Seeds, etc., mounted under glass, with seeding table accompanying. A most useful outfit for the farmer desiring to know seeds and to have the means of identification on hand. Price (Postpaid), 25c.

OUR RESPONSIBILITY—It is so manifestly impossible for the seller of any perishable article to be responsible for what may happen to it after it leaves his hands, especially one like seeds or plants, which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to the crop which may be raised from seeds which we sell. At the same time in case of any failure to secure proper results caused from some inherent fault in the seeds themselves the State Nursery and Seed Co. accepts responsibility, not for the crop, but to the extent of the amount of money paid for the seeds, if immediately advised. (Or seeds may be returned. See below.) We wish it understood that all our seeds are sold under the following general non-warranty.

We do not warrant in any way, express or implied, the contents or the description, quantity, productiveness or any other matter of any seeds, bulbs, plants, shrubs or trees sold by us, and we will not in any way be responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we sell at the moderate prices herein quoted.

STATE NURSERY AND SEED CO., Incorporated.

FLOWER SEEDS

Annuals—Bloom first year from seed and die after one season.
Biennials—Bloom second year from seed and plant dies after second year.
Perennials—Bloom second year from seeds and plant lives and blooms for several years.
Tender—Means plants will not stand the least frost.
Half-Hardy—Means plant will stand a little frost and needs protection.
Hardy—Means plant will stand considerable frost.

ABRONIA UMBRELLATA—(Sand Verbena).....Pkt., 5c
 Very pretty trailing plants with numerous clusters of sweet-scented flowers. Rosy lilac, with white eye. Does well in light soil. Annual.

ACROLINIUM—(See Strawflower.)

AFRICAN GOLD DAISY—(*Dimorphotheca Aurantiaca*).....Pkt., 10c
 The single daisy-like flowers are 2½ inches in diameter, and of a unique glossy terra cotta orange, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. The plants grow from 12 to 15 inches high and are very profuse flowering, especially in dry situations. Hardy annual.



Ageratum (Blue.)

AGERATUM—(Floss Flower)—Blue Perfection.....Pkt., 5c
 A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer. Sow the seed early in the spring.
ALYSSUM—(Maritimum, Sweet Alyssum) Oz., 35c; pkt. 5c.
 Six to eight inches high. A fragrant, hardy, annual, bearing spikes of small white flowers in great profusion throughout the summer and autumn. Useful for border or early bedding flowers. Sow the seed early in spring.

ALYSSUM—(Little Dorrit).....Pkt. 10c
 A novelty of late introduction, of dwarf and very bushy habit. Exceedingly useful for border and cemetery purposes.



African Gold Daisy.



Alyssum (Little Gem.)

ALYSSUM—(Little Gem).....Pkt., 10; oz., 75c
 Three to four inches high; fine for borders.

ALYSSUM COMPACTUM LILACIANUM—(Lilac Queen)—Hardy annual, lilac flowered. Per Pkt.....10c

ALYSSUM SAXATILE COMPACTA—A hardy dwarf perennial, very useful for rockwork, literally covering itself with yellow flowers. Per pkt.....10c

AMMOBIUM—(See Strawflower.)

AMARANTHUS TRICOLOR—(Joseph's Coat)—Mixed.....Pkt., 5c
 These plants afford brilliant contrasts of colors, being useful for borders and groups; also, where foliage effects are desired. The leaves and stems are of different shades of red, blended with green. Half-hardy annual

ANTIRRHINUM—(Tom Thumb)—Mixed. Per pkt.....10c
 Beautiful dwarf growing bushy variety. Flowers are handsome and produced in great profusion the entire season. It is not only desirable for beds and groups but also for pot culture. Perennial.

ANTIRRHINUM—(Semi Dwarf)—Choice mixed.....Pkt., 10c
 A splendid type, growing in height between the Tom Thumb and Giant forms of this noble plant.

ANTIRRHINUM—(Grandiflora)—Tall mixed.....Pkt., 5c
 Flowers double the size of older sorts more closely set on stems and colors more clear and brilliant, growing about 18 inches high. Grand mixture of many striking colors. Perennial.

ANGEL'S BREATH—(See Gypsophil.)



Asparagus Plumosus.

ASPARGUS—(Plumosus Nanus).....Pkt., 10c
 An indoor perennial climber, of wonderful beauty. It has largely replaced the famous smilax in the floral world. Bright, cheerful. Fern-like green.

ASPARGUS—(Sprenger) (Emerald Feather).....Pkt., 10c
 Adapted to suspended baskets; 1 to 4 feet. An excellent trailing house plant, as it withstands a dry atmosphere and succeeds everywhere. Remains fresh a long time after cutting.

AQUILEGIA—(See Columbine.)

ASPERULA—(Azorea)—Blue.....Pkt., 5c
 Grown for its fragrant leaves and stems which dried have a sweet odor, and are used for putting among clothes, etc. Best grown among shrubbery in semi-shaded positions where it can remain undisturbed.

ASPERULA TINCTORIA—(Sweet Woolf).....Pkt., 10c
 An old-fashioned fragrant hardy perennial plant, greatly loved for its fragrance when dried, resembling the sweet odor of new mown hay. Bears small white flowers.

State Nursery & Seed Co.,
 Helena, Mont.

Gentlemen:—About the last of April I ordered Lawn Grass Seed from your firm. On May 10th we planted the seed, and in just 30 days we cut the grass for the first time. It seems that every seed germinated. Thanking you, I am

Yours very truly,
 Mrs. G. J. Armstrong.

Ismay, Mont., Sept. 16, 1918.

ASTERS

As a popular flower the Aster ranks with Sweet Peas, Pansies, and Nasturtiums. No flower is more popular, and few have held a place in popular esteem for so many years and it is still growing in favor. For an autumn show of flowers, we have not its equal. We offer only Asters of superior quality



ASTER—Queen of the Market.

SEMPLER IMPROVED BRANCHING—A very strong growing class of Aster with branching habit, long stemmed, exceedingly double flowers. Blooms in August. Two feet.

Purple	Pkt., 10c	Flesh	Pkt., 10c
Lavender	Pkt., 10c	White	Pkt., 10c
Crimson	Pkt., 10c	Rose	Pkt., 10c

Collection six pkts, one each of the above, 50c.
All colors mixed, pkt., 10c; ¼ oz., 50c.

VICK'S IMPERIAL ASTERS.

IMPERIAL—Daybreak—Sea Shell Pink.....	Per pkt., 15c
IMPERIAL—Sunset—Light Pink.....	Per pkt., 15c
IMPERIAL—Giant Purity—White.....	Per pkt., 15c
IMPERIAL—Violet King—Soft Violet.....	Per pkt., 15c

VICK'S LATE BRANCHING.

This type bears flowers of extraordinary size, on long strong stems, from fifteen to twenty inches in height. Of very strong growth, coming into bloom in August, and continuing throughout the rest of the season. Considered by many the most satisfactory Aster grown, for all purposes.

Crimson, pkt.	10c	Purple, pkt.	10c
Lavender, pkt.	10c	Rose, pkt.	10c
White, pkt.	10c		
All colors mixed, pkt., 10c; ¼ oz.....			50c

TRUFFAUTS PEONY FLOWERED MIXED—Pkt., 10c; ¼ oz., 60c	
VICTORIA—Mixed	Per pkt., 10c; ¼ oz., 60c
ASTERS—Finest mixed	Per pkt., 5c; ¼ oz., 50c

GIANT COMET BRANCHING.

Known also as the Ostrich Plume Asters. A strong growing form, bearing profusely large flowers. The petals are re-curved, and toward the center of the bloom are twisted and curled. Height two feet. A most desirable type.

White, pkt.	15c	Crimson, pkt.	15c
Rose, pkt.	15c	Pink, pkt.	15c
Lavender, pkt.	15c	Purple, pkt.	15c
Blue, pkt.	15c		

One pkt, each of the above seven colors.....85c
All colors mixed, pkt., 15c; ¼ oz.....75c



Victoria Aster.



ASTER—Crego Giant.

CREGO'S GIANT.

Considered by many the finest of the Aster family, producing immense flowers, often measuring 5 inches in diameter, and of a fluffy texture. They retain their pristine beauty when cut longer than any Aster known.

White, pkt.	15c	Lavender, pkt.	15c
Pink, pkt.	15c	All colors, mixed, pkt.	15c

Per ¼ oz. of any color or all colors, mixed, 75c.

BALSAM—(Double Mixed)—Pkt......5c
Balsams like hot sun, rich soil and plenty of water. Plant 12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plant into better shape and to make the flowers more double.

BALLOON VINE—(Love-in-a-Puff)—
Pkt.5c
A rapid growing climber; thrives in light soil. One of the prettiest climbers. Annual.

BARTONIA AUREA—(Golden Bartonia)
Pkt.5c
One of the brightest garden flowers. It produces its large golden blossoms all summer in great abundance; 1 foot high. Sow in open ground.

BACHELOR'S BUTTON—Blue Bottle, or Cornflower) Mixed colors, oz., 50c; pkt.5c
Of easy culture, sow the seed where it is to remain and thin plants to 3 or 4 inches apart. Annual.

BACHELOR'S BUTTON—(Pink) pkt.10c
Valuable for cut flowers, very easily grown and prolific bloomer. Annual.

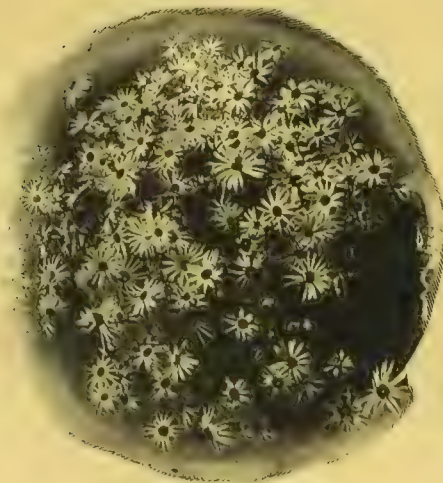


Bachelor Button.

BRACHY-COME—(Swan River Daisy) Pkt. 5c
A hardy annual, growing from 6 to 10 inches high, producing an abundance of blue and white flowers. Excellent for border.

BELLIS—(See Daisy.)

BEAN—(Scarlet Runner) lb., 40c; pkt. 5c
A favorite old-fashioned climber. Both ornamental and edible. It grows rapidly to a height of ten or twelve feet, and is covered from July until frost with clusters of beautiful scarlet flowers. Annual.



Brachycome or Swan River Daisy.

CACALIA—(Tassel Flower or Flora's Paint Brush) (Pkt.5c
A neat annual of easy culture with tassel shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed.

CALENDULA—(Pot Marigold)—One of the best and most showy annual grown. Very fine either for beds or mixed borders, blooming until frost. One foot. All colors mixed, pkt., 5c oz.25c

CALENDULA—METEOR—Lemon with Orange. Pkt., 10c; oz. 25c

CALENDULA—Prince of Orange—Rich Orange Red. Pkt. 10c; oz.25c

CALENDULA SULPHUR or LEMON QUEEN—Pkt., 10c; oz. 25c

CALANDRINA GRANDIFLORA—A splendid half-hardy Biennial with flowers of a dazzling rose-pink. In bloom nearly all summer. Pkt.5c

CALIFORNIA POPPY—(See Eschscholtzia.)

CALLIOPSIS—(Lanceolata) Pkt.10c
Handsome perennial, large golden yellow.

CALLIOPSIS—(Or Coreopsis) Mixed
Pkt.5c
Showy and beautiful free flowering annuals, blooming all summer and excellent for cutting and massing.

CANARY BIRD FLOWER—(Tropaeolum Canariense)—Oz., 30c; Pkt.5c
A beautiful climber with curiously shaped blossoms. Will blossom freely from July until killed by frost. Tender annual. Sow in the house and transplant, or in open ground.

CANDYTUFT—(Iberis Umbellata)—
Universally known as a border plant, and equally useful in beds. Annual.



Calliopsis—(Annual)

Purple Pkt., 10c
White Pkt., 10c
Carmine Pkt., 10c
Lilac Pkt., 10c
Crimson Pkt., 10c
Empress or Giant Flowered—White, large long spikes of bloom; the best for cut flowers. Pkt., 10c
Fine Mixed Pkt., 5c; oz., 25c

CANTERBURY BELLS—(Campanula Pyramidal) Single mixed. Pkt.5c
Handsome hardy biennial, of stately growth, rich color and profuse bloom. Should be given some protection in severe winter weather; colors: White and various shades of Violet, Rose, Lilac and Blue. Height, two to four feet.

CANTERBURY BELLS—(Calvecanthema) Mixed Pkt., 10c
The new Cup and Saucer, larger and appear about two weeks earlier than those of the old type. A splendid plant for beds and pot culture. Perennial

CARNATION MARGUERITE.

—This hardy perennial often blooms the first season from seed, and they are exceedingly valuable for bedding and pot culture. Very free flowering exceedingly fragrant, large flowered and double.
White, pkt. 10c
Yellow, pkt. 10c
Dark Red, pkt.10c
All Colors mixed pkt., 5c



Carnation—(Double).

CARNATION

—(Giant or Malmaison)
This type is noted for its wonderful range of colors, and its free blooming qualities. Fully 70 per cent of the seedlings generally produce double flowers, of large size. Perennial.

Extra Fine Double Mixed—Pkt.10c

CASTOR OIL BEAN—(Ricinus)—Mixed, Annual, oz., 20c; pkt., 5c
The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green with reddish ribs.

CATCHFLY—(Hardy Annual)—Mixed. Pkt.5c
An easy growing free flowering annual plant, producing dense umbels of white, red or rose colored blossoms. The plant is partly covered with a glutinous moisture, hence the name "Catchfly."



CELOSIA CRISTATA—(Cockscomb.)

CELOSIA PLUMOSA—(Feathered Cockscomb) A splendid strain of the tall growing plumed Cockscomb forming great pyramids of huge crimson plumes.

Thompsoni Magnifica—Crimson Per Pkt., 10c

Thompsoni Magnifica—Yellow Per Pkt., 10c

Trompsoni Magnifica—Mixed Per Pkt., 10c



Centaurea Imperialis.

CENTAUREA IMPERIALIS—(Royal Sweet Sultan)—A justly favorite annual, coming into bloom in July, and continuing until frost. Excellent for cut flowers.

White Per Pkt., 10c	Rose Per Pkt., 10c
Lilac Per Pkt., 10c	Blue Per Pkt., 10c
Finest Mixed Colors Per Pkt., 10c	

CENTAUREA RUTHENICA—A tall growing perennial variety, with sulphur-yellow blooms Per Pkt., 10c

CENTAUREA SUAVEOLENS—The Yellow Sweet Sultan or Grecian Cornflower. Annual Per Pkt., 10c

CENTAUREA CYANUS—(See Bachelor Button.)

CHINESE LANTERN PLANT—(See Physalis.)

CELOSIA CRISTATA—(Cockscomb)—Splendid annuals for either pot culture or for the border. Well grown blooms often measure 12 to 14 inches, of a most brilliant color.

Empress—Rich crimson combs of mammoth proportions. Per pkt. 10c

Dwarf Crimson—Per pkt. 10c

Aurea—Dwarf—Golden Yellow. Per pkt. 10c

Dwarf—Finest Mixed. Pkt. 10c

CHRYSANTHEMUMS—Annual Varieties—Showy and effective garden favorites extensively grown for cut flowers. Splendid summer flowering plants for the border, and very attractive. Of easy culture anywhere.

Carinatum Eclipse—Golden yellow with a purplish scarlet ring on the center of the petals, the disc a dark brown. Very striking. Per pkt., 10c

Coronarum—A most prolific bloomer, with small double white and yellow flowers. Double mixed, per pkt. 10c

Tricolor—Single Mixed Per pkt., 5c

CHRYSANTHEMUMS—Perennial Varieties. These are the well known perennial Chrysanthemums, grown greatly for the hardy Perennial border, of easy culture in almost any position and location.

Inodorum—Bridal Robe—A well known double white variety, fine for cut flowers. Per pkt., 10c

Leucanthemum Grandiflorum—(Ox Eye Daisy)—Flowers resembling the wild Ox Eye Daisy but twice as large. Very fine for cut flowers and of easy culture. Pkt. 10c

Maximum—King Edward VII (Moonpenny Daisy)—A strong growing free flowering variety. Per pkt., 10c

Maximum—White Perennial Marguerite—The well known large flowered Marguerite Daisy. Per pkt., 10c

Maximum—Shasta Daisy—Alaska—A very fine hardy perennial. Flowers 5 inches in diameter; with very broad petals, and long strong stems. Excellent for cut flowers. Per pkt., 10c

CLARKIA—Mixed colors Pkt., 5c
Among the prettiest native hardy annuals. They are useful for hanging baskets, for vases and as edging plants. Sow outdoors in early spring and grow in partial shade. They bloom through midsummer to late autumn. Average height 1½ feet.

CLARKIA PULCHELLA—(Tom Thumb) Mixed Pkt., 10c
A dwarf form of this favorite flower of bushy habit and profuse blooming qualities.

COBEA SCANDENS Pkt., 5c
A half hardy climbing annual, with large leaves and large trumpet shaped flowers, the blossom is green until nearly grown, when it turns bright purplish blue—grows about 20 feet high and is very desirable for covering a large lattice. A native of Mexico.

COLUMBINE—(Aquilegia)—Double mixed Pkt., 5c
Of the easiest culture and when once established, will furnish for many years a magnificent display of the handsomest flowers each spring and summer. The beds should be kept clear of weeds and given each year a liberal dressing of well rotted manure. Hardy herbaceous perennials; two to three feet high.

CONVOLVULUS MAJOR—Tall Morning Glory.

A hardy climbing annual, growing about 10 feet high. Flowers are well known and exist in a great variety of colors, tints and markings. Fully expanded only in the mornings. Of easy culture, quick growth and valuable in every garden.

Rose Per pkt., 10c
White Per pkt., 10c
Lilac Per pkt., 10c
Striped Per pkt., 10c
Crimson Per pkt., 10c
Carmin Per pkt., 10c
Purple Per pkt., 10c
Blue Per pkt., 10c
Any six of the above, 1 pkt., each for 50c
Tall Mixed—Per pkt., 5c; per oz. 25c



Morning Glory (Convolvulus Major Mixed)

CONVOLVULUS MINOR—Dwarf Morning Glory—A very early flowering annual with brilliant flowers. Of very easy culture. Finest Dwarf Mixed—Per pkt., 5c; per oz. 25c

CONVOLVULUS—JAPANESE—(See Ipomoea.)



COSMOS—Early Flowering Dawn.

COSMOS—Among the garden annuals that have come into prominence in recent years, the Cosmos leads all. It is a show in the garden and magnificent when cut. Formerly we had to be content with the late flowering type which was often killed by early frost. Now that we have a most perfect type of the early flowering class, every garden should contain this exquisite flower. Seed in the open ground in the beginning of May will produce blooming plants in July, and will continue to flower late in the fall.

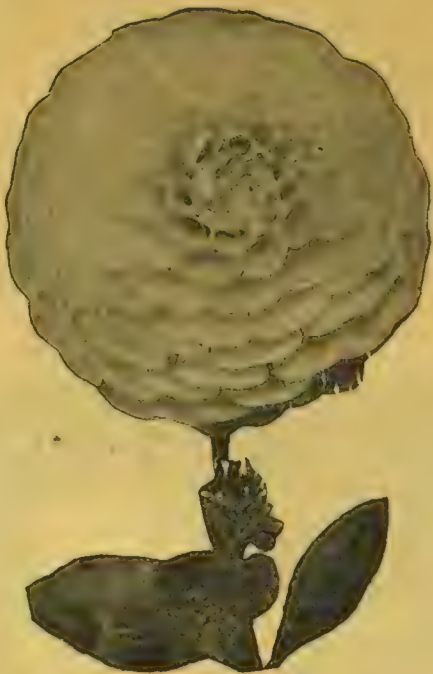
- Early Flowering Mixed—Per pkt., 5c; ¼ oz.25c
- Early Flowering Dawn—White, tinted pink.....Pkt., 10c
- Early Flowering Dawn—RosePkt., 10c
- Early Flowering Dawn—PinkPkt., 10c
- Early Flowering Dawn—CrimsonPkt., 10c
- Early Flowering Dawn—Pure white.....Pkt., 10c

CYPRESS VINE—(Ipomea Quamoclit)—A hardy rapid climbing annual, with feathery foliage, bearing bright scarlet and white flowers very profusely.

- Dark Types MixedPkt., 5c

DAISY—(Bellis)Pkt., 5c
Finest double; very desirable for edgings or low borders.
Mixed, pink and white.

DAISY—(Shasta)—(See Chrysanthemums.)



DAHLIA—(Double.)

- DAHLIA—Double Mixed.....Pkt., 10c
- DAHLIA—Single MixedPkt., 5c

This strain is a decided advance on the ordinary singles. The plants are of strong, robust habit and produce an abundance of flowers of immense size.



DELPHINIUM—Perennial Larkspur,

Cliff Lake, Mont., June 3rd, 1918.

State Nursery & Seed Co.,
Helena, Mont.

Gentlemen:—

We are "newcomers" up here, and we must say your seeds are just fine. I am very much pleased, for it seems as if every seed grew. I am enclosing order for plants.

Your future customer,

Mrs. H. F. True

DELPHINIUM—(Perennial Larkspur)—These are one of the most handsome and useful hardy plants, and for the Perennial border are invaluable. Excellent for cut flowers, producing large long spikes of beautiful flowers, of varying shades of blue. Hardy Perennial.

Formosum—Dark bluePkt., 10c
This is the old favorite dark blue Larkspur, and one of the Best. Hardy Perennial.

BelladonnaPkt., 10c
A very free and continuous bloomer, with flowers of a Turquoise blue. Hardy Perennial.

Chinense—(Blue butterfly)Pkt., 10c
Another splendid type, very free flowering, with flowers of a beautiful Gentian blue. Hardy Perennial.

Hybridum Fl. Pl.—Finest Double Mixed in a great variety of charming colors.Pkt., 10c

For Annual Varieties See Larkspur.



PINKS—(Dianthus Heddwigii.)

DIANTHUS—(Pinks)—Single varieties. Annual. Hardy and half hardy biennials and perennials, but nearly all blooming the first year from seed; of easy culture. Seeds may be sown in the open ground where they are to remain, but better results are obtained at least in the north, if plants are started in the house. White and dark crimson, also white tipped light purple and shades of red with darker blotchings.

Crimson Bell—Rich Velvety Crimson.....Pkt., 10c

Eastern Queen—Beautifully marked with rose and mauve.
Per pkt 10c

Heddwigii—(Single Japan Pink)—Flowers of the most wonderful coloring, beautifully marked. Per pkt.....5c

DOUBLE ANNUAL VARIETIES.

Heddwigii Fl. Pl.—(Double Japan Pink)—Very large and double flowers of brilliant colors.....Pkt., 10c

Chinense Fl. Pl.—(China or India Pink)—Blossoms in clusters, with a brilliant assortment of colors.....Pkt., 10c

Plumarius—(Hardy Perennial Grass Pink, Scotch Pink or Pheasants Eye)—A single hardy perennial pink, with fringed edge, light colored flowers with a darker center various colored. The old-fashioned garden favorite.Pkt., 10c

DOLICHOS—(Hyacinth Bean, Daylight)Pkt., 10c
This is a white form of the well known Hyacinth bean, and of most rapid growth and very free blooming habit. It has been known to bloom in 8 weeks from the time of sowing, at a height of ten feet. Annual.

DOLICHOS—(Hyacinth Bean)—Scarlet.....Pkt., 10c
A scarlet type of the same rapid growth as the preceding variety and very free flowering. Annual.

ECHINO CYSTIS LOBATA—(See Wild Cucumber.)



Eschscholtzia.

ESCHSCHOLTZIA—(California Poppy)
State flower of California. A genus of the Poppy family, fully as valuable as the common poppy for garden ornamentation, as it blooms almost continuously. Hardy annuals; height one foot.

California Poppy—

- Fine Mixedoz., 25c; Pkt., 5c
- Peerless Mixed..... oz., 60c; Pkt., 10c
- YellowPkt., 10c
- WhitePkt., 10c
- RosePkt., 10c
- Crimson KingPkt., 10c
- Golden WestPkt., 10c
- MaroonPkt., 10c

ESCHSCHOLTZIA—Bush—See Hunnemannia.

EUTOCA—(Viscida)—Intense Blue, per pkt.5c
Foliage dull green, covered with hairs; blossoms blue and striped, 3/4 of an inch across, produced in terminal racemes. Succeeds best in warm sandy soil, not over rich. Sow in open ground early in spring, and thin to one foot apart. Hardy annuals one foot high.

EVENING PRIMROSE—(See Oenothera.)

FEVERFEW—(See Matricaria.)

FORGET-ME-NOT—(See Myosotis.)

FOXGLOVE—(Digitalis)—MixedPkt., 5c
Grows to the height of three or four feet, with dense spikes of brilliantly colored flowers which are terminal and half as long as height of plant. Colors, White, Lavender and Rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennials or perennials.

FOXGLOVE—(Digitalis)—GloxiniifloraPkt., 10c
This type of similar growth to the preceding variety, bears beautifully spotted flowers resembling the Gloxinia

FOUR O'CLOCK—(Marvel of Peru).....Mixed Pkt., 5c
These flowers are funnel-shaped. Red, White Yellow or striped with these colors and open about four o'clock in the afternoon, remain open all night and generally perish about noon next day. The abundance of new flowers produced daily afford a constant succession of fine blooms. Sow seed in open ground. Hardy annual; two feet high.



GAILLARDIA—(Annual Mixed)

GAILLARDIA—(Picta Single Mixed).....Pkt., 5c
Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing to bloom from early summer till November; excellent for cutting, 1½ feet high. Annual.

GERANIUM—(Zonale)—Mixed.....Pkt., 5c

GODETIA—Finest Mixed.....Pkt., 5c
A hardy annual growing from 6 to 10 inches high. Of compact growth with a profusion of satiny cup-shaped flowers in deep red, pink and white, shaded and blended. Valuable for bedding or massing.

GOMPHRENA, or Globe Amaranth, Mixed.....Pkt. 5c
A low growing hardy annual, everlasting or straw flower; about eight inches high, with globe-shaped flowers, in red or white. The plant makes a good border and is attractive, either while growing or dried.



Gypsophila—(Perennial Variety.)

GOURDS—(Cucurbita)—Mixed.....Pkt., 5c
A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

GOURDS—Separate varieties.....Pkt., 10c
Dipper, Nest Egg, Sugar Trough, Hercules Club.

GYPSOPHILA—(Annual)—Baby's Breath or Bridal Veil.....Oz., 30c; Pkt., 5c
Delicate, free flowering little plants covered with a profusion of white, small star-shaped flowers. Valuable in conjunction with other flowers for making bouquets. Will thrive anywhere. An annual that should be in every garden.

GYPSOPHILA—(Paniculata)—Perennial.....Pkt., 10c
A graceful hardy plant, fine for cutting for bouquets; flowers in feathery white panicles; height 1½ feet.

GYPSOPHILA—(Rokejeka)—Perennial.....Pkt., 10c
A beautiful tall growing type, with delicate rosy pink blossoms. New.

HELIOTROPE—Mixed.....Pkt., 5c
Blossoms from seeds the first year and as early as Sweet Peas or balsams. Heliotrope, although a tender perennial, will bloom as easily from seed as any of the common annuals.

HELICHRYSUM—(See Straw Flower.)

HOLLYHOCKS—Our seeds of this have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year's blooming. Perennials.

CHATERS DOUBLE VARIETIES—

Salmon	Pkt., 10c	Yellow	Pkt., 10c
Blood Red	Pkt., 10c	Rose	Pkt., 10c
White	Pkt., 10c	Maroon	Pkt., 10c
Pink	Pkt., 10c	Crimson	Pkt., 10c
Three pkts. of any of the above varieties.....25c			
Six of any of the above varieties.....50c			

Chaters Double Mixed.....Per pkt., 5c and 10c
Allegheny Semi-Double Fringed.....Mixed pkt., 10c

SINGLE ANNUAL VARIETIES—

HOLLYHOCK—(Annual)—Single mixed.....Pkt., 10c

HOLLYHOCK—(Annual)—Single Red.....Pkt., 10c



Hunnemannia—(Bush Eschscholtzia.)

HUNNEMANIA OR BUSH ESCHSCHOLTZIA.....Pkt., 10c
Known as the Santa Barbara Poppy. An erect-growing tender perennial, about two feet high. Foliage fine cut and feathery. Blossoms beautifully, cup-shaped, bright yellow and about three to four inches across. Stems long and smooth. There are few more satisfactory flowers in the garden than the Hunnemannia.

HUMULUS—(Japanese Hop).....Pkt., 10c
Variegated Japanese Hop. Quick growing vine for veranda or trellis. Annual; not subject to insect pests; very handsome; stands drouth well.

HYACINTH BEAN—(See Dolichos.)

IPOMEA—(Mikado) (Japanese Morning Glory).....Pkt., 10c
New Improved Japanese Convolvulus of grand variety, flowers measuring from 4 to 5 inches across, great variety of colors, very handsome foliage.

IPOMEA QUAMOCLIT—(See Cypress Vine)

ICE PLANT.....Pkt., 5c
Pretty summer trailing annual for vases and rock work; leaves covered with ice-like drops.

KENILWORTH IVY—(Linaria) Creeping Charlie.....Pkt., 10c
A charming trailing plant, especially adapted for hanging baskets.



Kochia Trichophylla.

KOCHIA OR MEXICAN BURNING BUSH.....Pkt., 5c
Grows quickly from seed sown in the open ground. The plants are of rounded or globe-like form. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers, the bushy plants resembling balls of fire; makes a very good summer hedge.

KUDZU VINE—(Pueraria Thunbergiana).....Pkt., 10c
To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth. Its foliage is large and covers well; bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc.

LARKSPUR—(Annual Delphinium)—This hardy annual is one of the best of garden plants. Sown indoors early in the season, and transplanted to the open ground as soon as safe from frost, will produce blooming plants in July, which will continue in flower until frost. A splendid cut flower.

Hyacinth Flowered—Dwarf, Double Mixed.....Pkt., 10c

Finest Mixed.....Pkt., 5c

For Perennial Varieties of Larkspur see Delphinium.

LATHYRUS—(Eerlasting Sweet Pea.) See Sweet Peas.

LINUM—(Scarlet Flax).....Pkt., 5c
Distinguished for their brilliant colored flowers which are crimson with black center, saucer-shaped, and very conspicuous in bed or border. The foliage of the plant is slender and delicate. Height 1½ feet. Hardy annuals.

LINUM—(Perenne).....Pkt., 10c
A fine deep blue variety, growing about 18 inches. Hardy perennial.

LINUM—(Album).....Pkt., 10c
A handsome white variety of the hardy flax. Perennial.



Lupinus.

LUPINUS, OR LUPINS—Mixture of all colors.....Pkt., 5c

Hardy annuals in great variety, growing from one to three feet high, and bearing spikes of pea-shaped flowers. Of the easiest culture. Sow in the open ground and thin to six inches apart.

LOBELIA—(Crystal Palace)—Blue.....Pkt., 10c

An elegant and useful genus of plant of easy culture and well adapted for bedding. They make a neat edging for beds and are very effective in masses, being always completely covered with flowers. Annual.

LOBELIA—(Speciosa).....Pkt., 5c

A trailing variety with deep ultramarine blue flowers. Very fine for hanging baskets and boxes.



Marigold—(African Double.)

MARIGOLD—Old-time favorites of most easy culture and growth. One of the most showy annuals with their wonderful shades of yellow. Require a light soil and full exposure to the sun to get best results.

AFRICAN MARIGOLDS—Tall.

Eldorado—Flowers very large, imbricated and very double. Colors in all shades of yellowPkt., 10c
Lemon Queen—Large flowered variety with lemon yellow flowersPkt., 10c
Prince of Orange—A very large and showy variety, with very double flowers of a rich deep golden-orange color.Pkt. 10c
Tall African Double Mixed.....Pkt., 5c
Dwarf French Marigold—The dwarf French Marigolds rarely exceed one foot in height, and their most beautifully marked flowers of all shades of yellow and brown, are exceedingly attractive. MixedPkt., 5c

MATHIOLA BICORNIS—(Evening Scented Stock)

Oz., 35c;Pkt., 10c
 No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly close during the day, but expand and impart their fragrance in the evening. Include with your order a packet or two of Evening Stock. You will not regret it.

MATRICARIA—(Feverfew)—Double white.....Pkt., 10c
 A favorite bedding plant and profuse bloomer.

MEXICAN BURNING BUSH—(See Kochia.)

MIGNONETTE —

(Sweet Scented)
 Oz., 25c, pkt., 5c
 A well known hardy annual, producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and summer, it will bloom till killed by frost. Thrives best in a cool temperature.



Mignonette—(Sweet Scented.)

MIGNONETTE—(Golden Machet).....Oz., 50c; Pkt., 10c
 A compact growing variety with medium long, thick spikes of yellow florets.

MIGNONETTE—(Pure Machet).....Oz., 50c; Pkt., 10c
 A compact growing variety with thick spikes and large florets of a reddish color.

MIGNONETTE—(Allan's Defiance).....Pkt., 10c
 Very fine, long spikes of whitish flowers, splendid for cutting.

MIGNONETTE—(Goliath).....Pkt., 10c
 Enormous spikes of double red flowers.

MIGNONETTE—(Victoria).....Pkt., 10c
 A large flowered crimson variety.

MOON FLOWER.....Pkt., 5c
 So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. It is a beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place.

MUSK PLANT—(Mimulus Moschatus)Pkt., 5c
 Foliage emits a strong musky perfume; yellow; fine for hanging baskets.

MYOSOTIS—(Forget-Me-Not).....Pkt., 5c
 Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half hardy perennials; blooming the first year from seed if sown early. The true Forget-Me-Not; beautiful blue flowers.

MORNING GLORY—(See Convolvulus.)

MOURNING BRIDE—(See Scabiosa.)

LOVE-IN-A-MIST—(See Nigella.)

NASTURTIUMS—(Tall or Climbing)—Named varieties.
 ¼ lb.50c; 1 oz., 20c; ½ oz., 10c
Prince Henry—A fine Lemon Yellow.
Vesuvius—Salmon rose, dark leaved.
Spitfire—Brilliant orange-vermillion.
Black Prince—Velvety, purplish-crimson, dark foliage.
Queen of the North—Variegated leaves and various colored flowers.

NASTURTIUMS—(Tall Prize Mixed).....Price, 1 lb., \$1.50
 ¼ lb., 40c; 2 oz., 25c; 1 oz., 15c; pkt.5c

For richness and variety of color these have no equal among Nasturtiums. Some of the most striking are: White, Shaded Carmine, Deep Maroon Throat, Golden Yellow, Shaded Brown Edges; Yellow, shaded and mottled Carmine; bright Yellow, etc.

NASTURTIUMS—(Dwarf Varieties)—Named varieties.

¼ lb., 50c; 1 oz., 20c; ½ oz.10c

King of Tom Thumbs—Glowing scarlet dark foliage.

Prince Henry—Cream spotted and tipped with red.

Ruby King—Rich crimson rose.

Vesuvius—Salmon-rose, dark foliage; very bright.

Cloth of Gold—Scarlet flowers and yellow foliage.

Golden Midnight—The foliage is of a yellowish green, with flowers of a very dark maroon, the contrast producing a most wonderful effect.

NASTURTIUMS—

(Dwarf Prize Mixture)

—Price, 1 lb., \$1.50; ¼ lb., 40c; 2 oz., 25c; 1 oz., 15c; Pkt.5c

This is undoubtedly the finest mixture of Dwarf Nasturtiums offered any where.

Every shade is grown separately and we blend this mixture on our own premises, under our own personal supervision.



Tall or Climbing Nasturtiums.

NEMOPHILA—(Love Grove)—MixedPkt., 5c

Of dwarf spreading habit. It is well-adapted for border or pot culture. The flowers are exquisitely colored, blotched and spotted; they are quite apt to sport into an endless variety of shades, from black and blue to the lighter shades. Sow in spring and thin to 1 foot apart. Hardy annual; 6 inches high.

NICOTIANA—(Sweet Scented Tobacco Plant)—(Mixed)—Large flowerPkt., 5c

NICOTIANA—(Sanderac, Mixed Hybrids) Pkt.10c
 Handsome garden plants of the tobacco family valuable for the long duration of their bloom.



Nicotiana (Flowering Tobacco Plant.)

Flowers white, carmine-rose, or violet; is in full bloom during the day. Very floriferous.



Nigella.

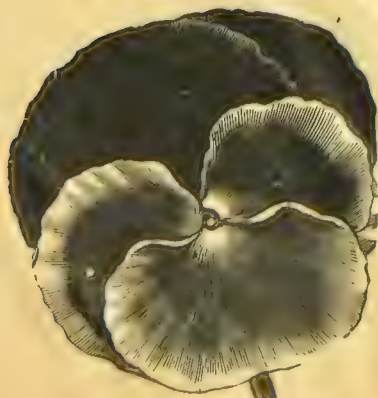
NIGELLA DAMASCENA—(Love-in-a-Mist or Devil-in-a-Bush)
—This is a low growing annual, producing blue and white flowers in great profusion. The flowers are followed by curiously formed seed pods. The foliage is very pinnate or finely cut. Of compact habit. One foot.

OENOTHERA—RUBICALYX—(California Evening Primrose)—
This is a novelty among the evening primroses of great beauty for the garden. The combination of red stems with red buds and yellow flowers make it a beautiful and striking plant in any collection of hardy annuals.



Oenothera Rubicalyx,
(Evening Primrose "California.")

MASTODON PANSIES



These popular flowers thrive best on a cool moist but well-drained soil, enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for autumn blooming. The proper method is to sow in July or August and protect the plants during the winter when they will flower continuously the next spring and summer. Our Pansies are renowned as the most beautiful pansies in the world for size and color.

MASTODON PANSIES.

These are acknowledged to be the most handsome type of pansy extant. The plants are of strong robust growth, very hardy, bearing flowers of enormous size. See upper part of color plate on front page cover for types of bloom.

BRONZE MASTODON—Wonderful shades of bronze—from light burnished brass to deep bronze, wonderfully tinted with almost every shade known in pansies. Per pkt. 10c

PANAMA PACIFIC—A huge deep yellow, many with a dark eye, almost a velvety black, some flowers a solid yellow. Per pkt. 10c

PRINCE HENRY—A splendid Dark Blue of immense size. The finest dark blue known. Per pkt. 10c

MADAME PERRETT—A distinct type of Pansy, dark wine, pink and red, edges of petals edged with white, beautifully frilled flowers and veined with rich contrasting colors. Pkt. 10c

PARISIAN YELLOW—A pure yellow of grand form and size. Per pkt. 10c

METEOR—A most profuse bloomer of a wine red color. Invaluable for border work. Per pkt. 10c

GRAND DUKE MICHEL—(Improved Candidissima)—The finest and largest pure white pansy known. Per pkt. 10c

WHITE MASTODON—(With Dark Eye)—This is one of the largest pansies grown—the flowers are enormous. Per pkt. 10c

BLACK MASTODON—This beautiful pansy varies from a deep velvety purple to a satiny jet black, with blooms of immense size. A rare color. Per pkt. 10c

MADAME STEELE—(Elks Purple)—A beautiful and attractive shade with very large flowers. Per pkt. 10c

Fine Mixed Pansy.....Pkt., 5c; 1/4 oz., 50c

S. N. & S. Co.'s Peerless Mixed.....Pkt., 10c; 1/4 oz., \$1.25

S. N. & S. Co.'s Premium Mixed.....Pkt., 20c; 1/8 oz., \$1.50

PETUNIAS



Petunia—S. N. & S. Co.'s Double Mixed.

PETUNIA—(S. N. & S. Co.'s Double Mixed)
Pkt. 25c
New large flowers; our strain is the best that can be secured from any source at any price.



Petunia—(Single Fringed.)

PETUNIA—(Howard Star).....Pkt., 10c
Crimson - Maroon, with a well defined five-pointed star of bluish white.

PETUNIA—Large flowering. All colors, single fringed and ruffled Pkt., 10c

PETUNIA—Blotched and Striped Pkt., 10c
A splendid selection of wonderful color—in.

PHLOX---Drummondii

Unquestionably one of the finest annual bedding plants grown. Sown in the open ground, immediately all danger of frost is past, and in a few weeks they are a mass of brilliant hued blooms, continuing until cut down by frost.

Alba—Pure White	Per Pkt., 10c
Fireball—Fine Scarlet	Per Pkt., 10c
Opulata—White with purple eye	Per Pkt., 10c
Isabellina—Yellow	Per Pkt., 10c
Adowitzii—Rose and white eye	Per Pkt., 10c
Peerless Mixed	Per Pkt., 10c
Fine Mixed	Per Pkt., 5c

POPPIES

Annual Poppies should be sown as early in the spring as possible; they do not stand transplanting. Sow very thinly, barely covering the seed. Press down firmly, and they will come up in a few days. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanded, the flowers will last several days.

SINGLE ANNUAL VARIETIES.

POPPY—(Miss Sherwood)—Satiny white. Oz., 50c; Pkt., 10c
Shaded on fringed margin with salmon rose. Height 2 feet.

POPPY—(Tulip or Glaucum Flowered).
Oz., 50; Pkt., 10c
Intense scarlet single blossoms. The brightest colored of all Poppies.

POPPY—(Single Annual)—Mixed colors.
Oz., 25c; Pkt., 5c
Gorgeous colorings, easily grown from seed sown in the open ground, where they are to remain.

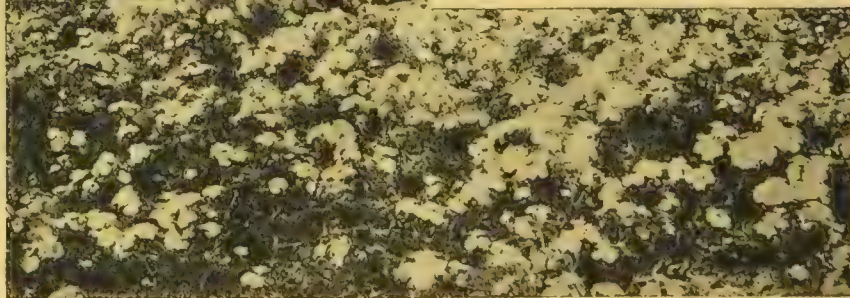


Shirley Poppies.

POPPY—(Select Shirley)—Mixed colors.
Oz., 50c; Pkt., 10c
An extra fine strain of charming Poppies. They are single and occasionally semi-double and range in colors from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood red, while many are dainty edged and striped. In fact so varied are they that scarcely any two flowers are alike.



Phlox—Drummondii.



Double Carnation or Peony Flowered Poppy.

POPPY—(Dannebrog, or Danish Cross) Oz., 25; pkt., 5c
Very showy variety, producing large flowers of brilliant scarlet, with a silvery white spot on each petal, forming a white cross.
POPPY—(Admiral) Oz., 60c; pkt., 10c
White margined with brilliant scarlet. A very fine new color.

DOUBLE ANNUAL VARIETIES.

These Poppies are very handsome. The flowers grow to an enormous size, from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking.

POPPY—(Double Carnation or Peony Flowered, Mixed).
Oz., 25c; Pkt., 5c
Large, full, double fringed flowers, 2 feet high.

POPPY—(Cardinal Scarlet) Oz., 30c; pkt., 10c
Splendid double fringed flowers.

POPPY—(White Swan or White Fringed)—Immense double white flowers, beautifully fringed Oz., 30c; Pkt., 10c

POPPY—(Double Salmon Pink) Oz., 60c; pkt., 10c
A beautiful shade and a favorite with all.

POPPY—(American Flag) Oz., 40c; Pkt., 10c
Beautiful variety; flowers very large and double; snow-white, bordered with scarlet.

POPPIES—PERENNIAL VARIETIES.

Hardy perennials of easy culture; in bright glowing colors. bloom first year from seed.

POPPY ORIENTAL—(Papaver Orientale)

Pkt., 10c
This is the most gorgeous perennial Poppy flowering in June and July, with enormous blossoms often measuring 5 to 6 inches across, deep crimson, with a conspicuous black blotch on each petal. Transplanting should be done carefully. The best time to lift plants is in August. See cut next page.

POPPY—(Oriental Hybrids)—mixed pkt, 10c

Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors, ranging from delicate shades of salmon to deep crimson.

POPPY ICELAND—(Papaver Nudicula)

Pkt., 10c
Pretty tufted foliage, flowers on long wiry stems in shades of white, yellow and vermillion, with satiny crinkled petals; beautiful flowers in greatest variety of colors.

PORTULACA—(Moss Rose or Sun Plant)

—Single Mixed Pkt. 5c

PORTULACA—Double Mixed Pkt., 10c

Low-growing or creeping tender annual six to eight inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The foliage and stems are thick. The seed germinates slowly and should be started under the glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground; excellent for embankments.



Poppy Oriental—See Page 61.

PYRETHRUM AUREUM—(Golden Feather).....Pkt., 10c
A most desirable dwarf Pyrethrum for edging of borders, with golden yellow foliage.

PHYSALLIS—Franchetti (Alkekengi)Pkt., 10c
The winter cherry. A splendid plant to grow in pots for winter decoration bearing bright red fruit in great profusion. Known as Chinese Lantern Plant.

RICINUS—(See Castor Oil Bean.)



Salpiglossis (Finest Mixed.)

SALPIGLOSSIS—(Painted Tongue)—Finest Mixed, all colors. Pkt.5c
One of the greatest favorite annuals of easy culture, beautiful orchid-like flowers, produced from early summer until late fall. Seed should be sown early in spring in a hot bed or window and transplanted when weather is settled or directly out of doors after danger of frost.

SALPIGLOSSIS—(New Emperor).....Pkt., 10c
Large improved strain with a complete range of colors.

SALVIA—(Scarlet Sage)Pkt., 5c
A tender perennial, blooming the first season from seed. The blossoms are borne on long stems in racemes or spikes and are fragrant. The plant blooms profusely.



Scabiosa (Mourning Bride.)

SCABIOSA—(Mourning Bride, or Pincushion Flower)—They grow about 2½ feet high, and come into bloom early in July and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut, keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosa, especially when flowers are wanted for cutting.

Azure Fairy—Clear Lavender Blue.....Pkt., 10c
Snowball—Pure whitePkt., 10c
Fiery ScarletPkt., 10c
Tall Double MixedPkt., 10c
Dwarf Choice MixedPkt., 5c

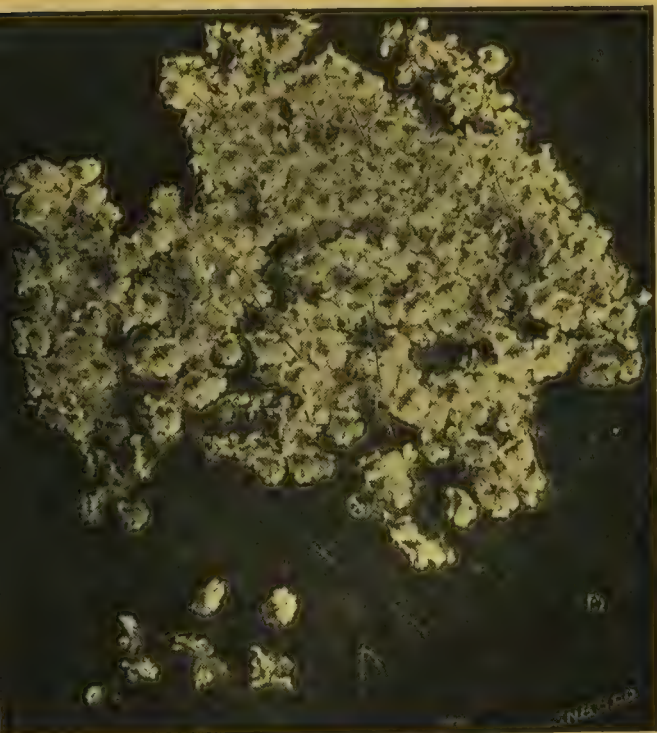
See Index on last page, for complete list of varieties of Seeds and Plants listed in this Catalog.

Broadview, Mont., Dec. 15, 1918

State Nursery & Seed Co., Helena, Mont.

Gentlemen:—I am in receipt of seeds and plants today and I want you to know I am very much pleased with them. I have since coming to Montana dealt almost exclusively with Eastern houses, until last spring, when I placed a trial order with your house. I am frank to say I have been so well satisfied with your shipments that I don't intend to go further away from home than Helena for anything in your line in the future.

Very sincerely,
Mrs. H. A. Weld.



Schizanthus.

SCHIZANTHUS—(Butterfly or Fringe Flower.)—Mixed Pkt., 5c
Called the "poor man's orchid" on account of their easy culture and resemblance in form and variety of coloring to some of the floral aristocrats. Sown out of doors in spring where they are to remain, or started inside and transplanted when the weather is suitable.

SHAMROCK—True small leaved.....Pkt. 10c

SHASTA DAISY—(See Chrysanthemum.)

SNAPDRAGON—(See Antirrhinum.)



Statice.

STATICE—(Sea Lavender)—Hybrids, mixed.....Pkt., 10c
These useful plants bear everlasting flowers that last a long time after cutting, and are of very easy culture.

**STOCKS**

(Gilliflower)

The stock is one of our very best annuals, either for bedding purposes or for pot culture. Their wonderful range of colors, and unequalled fragrance make them extremely valuable.
Improved Large Flowering 10 Weeks Stocks.

Blood Red Pkt., 10c

Canary YellowPkt., 10c

WhitePkt., 10c

BluePkt., 10c

PurplePkt., 10c

PinkPkt., 10c

Mixed—All colors,Pkt., 5c

MAMMOTH FLOWERING BEAUTY STOCKS—Early flowering, or winter stocks, of a very branching habit. Largely grown for winter cutting by florists, and for greenhouse decoration. For outdoor use, sow in March, will then bloom from July to frost.

Beauty of Nice—Flesh pinkPkt., 10c

Princess Alice—WhitePkt., 10c

Queen Alexandria—RosePkt., 10c

Stock Evening Scented—See *Mathiola Bicornis*.

VIRGINIA STOCKS—MixedPkt., 5c

STRAWFLOWER—(Everlasting)—These are pretty annuals with straw-like flowers that keep their form and color for years.

Acrolinium—Graceful and pretty half-hardy annuals, pretty in beds or potsPkt., 5c

Ammobium Alatum—Two feet. Large flowered, with handsome double white flowers; useful either in the garden or for winter bouquets; cut before the buds open.....Pkt., 10c

Helichrysum—Showy, easily grown annuals for the border; fine for winter bouquets; cut before the buds expand. Mixed colorsPkt., 5c

Xeranthemum—A hardy annual, 1 foot high bearing handsome double flowers on long stems; colors mostly white, blue and purple; cut when fully developed. One of our best everlastings and easily grownPkt., 5c

SUNFLOWER—(Mammoth Russian).....Lb., 25c; pkt., 5c

SUNFLOWER—(*Helianthus Californicus*).....Oz., 25c; pkt., 5c
Chrysanthemum flowered. Hardy annuals, growing from 3 to 6 feet. Large densely double golden flowers. Fine, long stout stems for cutting.

SUNFLOWER—(Red New)Pkt., 10c
Single, large red flowers, merging to yellow at tips of petals, very showy, height about 6 feet.

Beatrice, Mont., May 28, 1918.

State Nursery & Seed Co., Helena, Mont.

Gentlemen:—Please send the enclosed order, for which I enclose check. I received the previous shipment of plants, which were the best I have ever had, particularly the Tomato Plants.

Yours truly,

Jas. C. Turner.



Sweet Rocket—(Hesperis)

SWEET ROCKET—(Hesperis)—MixedPkt., 5c
A hardy perennial growing two feet high. A beautiful, fragrant flower of the easiest culture and bearing clusters of white and purple blossoms. Flowers in June and September.



Sweet William—(Single Mixed.)

SWEET WILLIAM—(Dianthus Barbatus)—A beautiful sweet scented old-fashioned perennial. Grows one to two feet high and bears its flowers in clusters at the end of a stiff stem. The individual flowerets are handsomely colored and marked. It makes a beautiful bedding plant and is of easy culture. Hardy Perennial.

SWEET WILLIAM—(Single Varieties)—MixedPkt., 5c
More attractive than the double.

SWEET WILLIAM—(New Hybrids)—MixedPkt., 10c
A mammoth flowered single type of great beauty and value.

SWEET ALYSSUM—(See Alyssum.)

SWEET PEAS—(See pages 65-68.)

THUNBERGIA—(Black-Eyed Susan)Pkt., 5c
A beautiful tender climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers having a distinct black center. Tender annual.

VERONICA—(Speedwell)Pkt., 5c
A beautiful species, with rich deep blue flowers.

VERONICA—(Longifolia)Pkt., 10c
A beautiful species with rich deep blue flowers.

WALLFLOWER—(Gold Lack)—Single mixedPkt., 5c
Wallflower should be better known, their adaptability for pot culture and out-door bedding and their very sweet odor should win favor.

WALLFLOWER—(Early Paris Market)Pkt., 10c
This variety, if sown in March, will bloom in July.

WALLFLOWER—(Blood Red)Pkt., 10c
This is a much improved and selected stock of the Annual Wallflower brought out some years since. We have ever since been carefully selecting this, and each year getting nearer to a blood red, and at last we have succeeded. If sown in March, can be had in bloom the following July.



Mammoth Verbenas.

VERBENAS

Verbena seed should be soaked in lukewarm water before planting and care taken that the soil be very rich. Half hardy perennial trailer.

VERBENAS—MAMMOTH.

PinkPkt., 10c
WhitePkt., 10c
PurplePkt., 10c
StripedPkt., 10c
ScarletPkt., 10c
Rose and Pink ShadesPkt., 10c
Fine Mixed—All colorsPkt., 5c
Peerless Mixed—Embracing a wide range of beautiful colors, the blooms being of mammoth size.Pkt., 10c

VERBENAS—AURICULA EYED—

(Choice Mixed)—A most beautiful array of Auricula Eyed blooms of brilliant colorings.Pkt., 10c
Defiance—Brilliant ScarletPkt., 10c
Firefly—Red with small white eye. Per pkt.10c
Lutea—Yellow. A unique color among Verbenas. Very fine.Pkt., 10c

WHITLAVIAPkt., 5c
An easily grown, hardy annual, bearing small violet-blue cup-shaped blossoms. Plants one foot high. Sow seed in open ground in spring and thin the young plants.

WHITLAVIA GLOXINOIDES—Blue with white throat.Pkt., 10c

WISTERIA—(Sinensis Purple)Pkt., 5c
One of our most popular hardy climbers. The flowers are abundantly borne in spring on long drooping racemes of light blue before the leaves appear.

WISTERIA—(Sinensis Alba)—White Per pkt.10c

WILD CUCUMBER¼ lb., 40c; oz., 15c; pkt., 5c
Ornamental climbing cucumber with curious fruit, remarkable for its luxuriance and rapidity of growth.

WILD FLOWER GARDEN MIXTUREoz., 25c; pkt., 5c
A delightful surprise to thousands of flower lovers. Not a tame garden of wild flowers, but a wild garden of tame flowers. A mixture of the choicest seeds, mostly annuals, to be sown haphazard, in a promiscuous way.

XERANTHEMUM, ETC.—See Strawflower.)

ZINNIA

(YOUTH AND OLD AGE.)

A half hardy annual growing from 1 to 2 feet high. The colors are in great variety and very bright. Probably no flower has such an assortment of shades, tints and colors, and no bedding plant is more effective for a brilliant show. Sow in boxes early and transplant.



Zinnia Elegans.

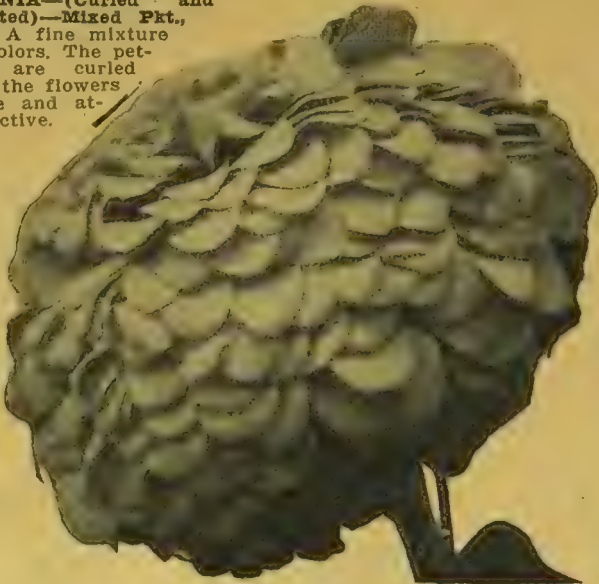
ZINNIA ELEGANS
—Dwarf Double

- WhitePkt., 10c
- ScarletPkt., 10c
- Buff and Yellow....
.....Pkt., 10c
- CrimsonPkt., 10c
- StripedPkt., 10c
- MixedPkt., 10c

- ZINNIA—ROBUSTA OR GIANT**
- Tall Double—WhitePkt., 10c
 - Tall Double—FleshPkt., 10c
 - Tall Double—ScarletPkt., 10c
 - Tall Double—YellowPkt., 10c
 - Tall Double—CrimsonPkt., 10c
 - Tall Double—Mammoth MixedPkt., 10c
- ZINNIA GRACILLIMA COCCINEA—(Little Red Biding Hood)**
Per pkt.10c
A superb dwarf variety growing about one foot high, and lit-

erally covering itself with brilliant red blooms about one inch in diameter. Very effective both as a border plant and also when massed.

ZINNIA—(Curled and Crested)—Mixed Pkt., 10c. A fine mixture of colors. The petals are curled and the flowers large and attractive.



Zinnia Robusta.

SPENCER SWEET PEAS

The Waved Type

Our Sweet Peas are carefully grown by experienced men from selected Stock Seed, and better seed cannot be had in this country than is supplied by us.

Our leaflet on Sweet Pea Culture is compiled especially for general conditions and contains valuable information for the Sweet Pea lover. We will mail you a copy Free on request.

Alphabetical List of Spencer Sweet Peas for 1919

The true Spencer type should always bear an “open keel.” The real determining feature of a true Spencer is found in the keel.

- AGRICOLA**—Faint lavender and blush. Per pkt., 10c; oz., 50c.

APPLE BLOSSOM—Per pkt., 10c; oz., 40c. Very large bold flower of best Spencer form. Standard very bright rose wings primrose with flush of rose tint. A grand, robust variety.

ASTA OHN—Per pkt., 10c; oz., 40c. The best lavender Sweet Pea. Is more truly a soft pinkish lavender self. Flowers are very large and beautifully waved. A very charming variety.

AURORA—Per pkt., 10c; oz., 35c. Flowers white, mottled and flaked with bright orange pink. Splendid form and nicely waved. A very pretty flower and one of the finest and largest Spencers.

BARBARA—Per pkt., 10c; oz., 50c. Beautiful salmon shade.

BERTRAND DEAL (Improved)—Per pkt., 10c; oz., 50c. Large, rosy lilac of great vigor. Flowers of splendid form and substance. Very fine for cutting.
- BLANCHE FERRY**—Per pkt., 10c; oz., 35c. A giant type of Spencer form with rose standard and wings white, suffused and tinted with light pink.

BLUE PICOTEE—Per pkt., 10; oz., 50c. White beautifully edged with blue.

CAPTAIN OF THE BLUES, or WAVERLY SPENCER—Per pkt., 10c; oz., 40c. Pure purple. The margin of the petals is marbled. Very large and distinct.

CLARA CURTIS—Per pkt., 10c; oz., 40c. A beautifully waved cream, good substance, stems usually have four large flowers—a superior strain of Primrose Spencer.

COUNTESS—Per pkt., 10c; oz., 45c. The original giant flowered Spencer with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self-colored. Still one of the best Sweet Peas of today.

DAZZLER—Per pkt., 10c; oz., 50c. Brilliant orange pink.

DOBBIES, GEO. HERBERT, LAVENDER—Per pkt., 10c; oz., 50c.
A very clear, bright lavender.

DUPLEX—Per pkt., 10c; oz., 40c. A rich cream pink. Practically all the plants give flowers with double or triple standards.

ELFRIDA PEARSON—Per pkt., 10c; oz., 50c. Giant pale pink on white ground. Plants exceptionally vigorous. Most useful pink for decoration and exhibition.

ELSIE HERBERT—Per pkt., 10c; oz., 40c. White with pink edge.

ENCHANTRESS—Per pkt., 10c; oz., 50c. Bright pink, shading a little deeper at the edges. Practically the same as Countess.

ETTA DYKE—Per pkt., 10c; oz., 50c. Large white.

FIERY CROSS—(New)—A wonderful dazzling fiery scarlet, making the vines appear a sheet of waving fire. Undoubtedly the finest red Sweet Pea yet introduced. Does not burn or bleach in the hottest sun, requiring no shading to mature the finest blooms. The flowers are most profusely borne on long stiff stems, in threes and fours, and beautifully waved and curled.

Per packet of 30 seeds, 30c.

FLORA NORTON—Per pkt., 10c; oz., 35c. Very nicely waved. The color is bright blue with tint of purple.

FLORENCE MORSE—Per pkt., 10c; oz., 40c. Standard richly flushed with a beautiful and distinct shade of pink; wings soft blush pink, giving the flower a charming appearance; very large and wavy.

FLORENCE NIGHTINGALE—Per pkt., 10c; oz., 40c. A very large, finely waved bluish lavender.

GEO. HERBERT—Per pkt., 10c; oz., 40c. A large Spencer rose crimson, suffused with magenta and showing veins in wings.

HELEN LEWIS—Per pkt., 10c; oz., 40c. A very large and fine orange salmon pink, with especially bright orange standard.

HERCULES—Per pkt., 10c; oz., 50c. A giant clear pink both standard and wings, vigorous vines and fine long stems. Flowers extra large and fine.



Spencer Sweet Pea.—George Herbert.



Spencer Sweet Pea.—Blanche Ferry.

KING EDWARD—Per pkt., 10c; oz., 45c. The best pure red Spencer, very large, with especially immense wings. Every one should grow this variety. Our strain is quite sun-proof.

KING MANUEL—Per pkt., 10c; oz., 40c. Giant maroon.

KING WHITE—Per pkt., 10c; oz., \$1.25. Finest pure white in existence.

MARK TEY—Per pkt., 10c; oz., 50c. Purple.

MARY GARDEN—Per pkt., 10c; oz., 40c. A very light cream pink. One of the new Spencers.

MARIE CORELLI—Per pkt., 10c; oz., 40c. A bright growing crimson almost self color. Fine large flower. Beautifully waved.

MARTHA WASHINGTON—Per pkt., 10c; oz., 35c. A fine large flower, white ground, margined with bright pink, suffusing to center of standard and wings.

MAUD HOLMES—Per pkt., 10c; oz., 40c. Rich crimson Spencer, fine large flower and quite sun-proof. Practically synonymous with King Edward Spencer.

MRS. HUGH DICKSON—Per pkt., 10c; oz., 40c. The best cream pink Sweet Pea. The color is light salmon pink on cream ground. This variety has exceptional vigor and produces large flowers, four on each stem.

MRS. ROUTZAHN—Per pkt., 10c; oz., 40c. A beautiful blending of straw color, tinted with blush pink and shading to apricot and rose at edges.

MRS. TOWNSEND—Per pkt., 10c; oz., 40c. White ground, edged pale blue, large size and splendid form. Fine for exhibition and garden work.

NUBIAN—Per pkt., 10c; oz., 50c. Beautiful rich deep chocolate, the best maroon. Vines vigorous producing long stout stems, carrying invariably four bold flowers.

OTHELLO—Per pkt., 10c; oz., 40c. Of immense size, with large, drooping wings, rich maroon, very dark and adapted for many attractive combinations. One of the best dark Sweet Peas.

PARADISE IVORY—Per pkt., 10c; oz., 40c. Cream with a suggestion of pink in the newly opened blossoms.

PRIMROSE—Per pkt., 10c; oz., 40c. The finest of its class, clear primrose, beautifully waved flowers; large and mostly four blossoms on each stem.

QUEEN OF NORWAY—Per pkt., 10c; oz., 40. A beautiful Rosy Purple shade.

ROYAL PURPLE—Per pkt., 10c; oz., 50c. A rich royal purple which holds its color throughout the season.

SENATOR SPENCER—Per pkt., 10c; oz., 50c. A beautiful shade, claret and chocolate stripe on light heliotrope ground.

STIRLING STENT—Per pkt., 10c. Glorious deep salmon suffused with orange; a beautiful Sweet Pea, especially in artificial light, but must be shaded to get true color.

SUNPROOF CRIMSON—Per pkt., 10c; oz., 50c. A grand crimson Spencer. Flowers very large and nicely waved. Generally carries four blossoms on each stem.

TENNANT—Per pkt., 10c; oz., 30c. A large flowered rosy-purple. Shows a tendency towards magenta.

THOS. STEVENSON—Per pkt., 10c; oz., 40c. Brilliant orange scarlet. Flowers splendid form and vines very vigorous.

VERMILLION BRILLIANT—Per pkt., 10c; oz., 50c. A large brilliant scarlet of brilliant form.

WEDGEWOOD—Per pkt., 10c; oz., 50c. A clear, bright, silvery blue with a faint suggestion of mauve in the standard. The color improves greatly in water, and as flower ages color brightens. Morse's strain has been pronounced the best blue Spencer, and we are glad to offer it.

WHITE SPENCER—Per pkt., 10c; oz., 55c. The best Spencer white. Flowers very large and magnificent. Spencer waved form. Stems as a rule carry four blossoms.

ZEPHYR—Per pkt., 10c; oz., 50c. Blue.



Spencer Sweet Pea—Paradise Ivory.

SPENCER MIXED HYBRIDS— $\frac{1}{2}$ oz., 20c; oz., 40c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, Postpaid. A splendid mixture, blended carefully. Has pleased thousands of our customers.

SPECIAL OFFER OF SPENCER SWEET PEAS.

We will send you one 10c package each of the 64 varieties listed for \$5.00
Your choice of any 15 varieties, 1 10c package each \$1.20
Our choice of any 15 varieties, 1 10c package each \$1.00

Alphabetical List of Grandiflora Sweet Peas for 1919

The Grandiflora Type always bears a "Clamped Keel." The Anthers and Stigma are held compactly and are tightly enclosed in the keel.

	Oz.	¼ lb.	1 lb.
AURORA—Orange rose, striped on white.....	\$.10	\$.30	\$ 1.00
AGNES ECKFORD—Very light pink.....	.10	.30	1.00
AMERICA—White ground flaked and striped with crimson scarlet.....	.10	.30	1.00
BLACK KNIGHT—Dark maroon, veined black.....	.10	.30	1.00
BLANCHE FERRY—Bright rose and white.....	.10	.30	1.00
BOLTON'S PINK—Salmon pink, veined rose.....	.10	.30	1.00
BLANCHE BURPEE—Pure white large.....	.10	.30	1.00
COUNTESS or COUNTESS OR RADNOR—Lavender.....	.10	.30	1.00
DOROTHY ECKFORD—White, one of the best. White seeded.....	.10	.30	1.00
DUKE OF WESTMINSTER—Clear purple.....	.10	.30	1.00
EARLIEST OF ALL—A very fine early variety, with white wings and pink keel.....	.10	.30	1.00
EMILY HENDERSON—Pure white. White seeded.....	.10	.30	1.00
FIREFLY—Bright red.....	.10	.30	1.00
FLORA NORTON—Bright sky blue.....	.10	.30	1.00
FRANK DOLBY—Very fine lavender.....	.20	.50	1.00
FLORENCE WRIGHT—White.....	.10	.30	1.00
GLADYS UNWIN—Clear light pink.....	.10	.30	1.00
HELEN PIERCE—Bright blue mottled with white.....	.10	.30	1.00
KATHERINE TRACY—Soft pink.....	.10	.30	1.00
KING EDWARD VII.—Deep red.....	.10	.30	1.00
LADY G. HAMILTON—Light mauve.....	.10	.30	1.00
LORD NELSON—Dark blue.....	.10	.30	1.00
LOTTIE ECKFORD—Heavily shaded lavender.....	.10	.30	1.00
LOVELY—Deep pink.....	.10	.30	1.00
MRS. E. KENYON—Large clear primrose.....	.10	.30	1.00
MRS. COLLIER—Clear primrose yellow.....	.10	.30	1.00
MRS. GEO. HIGGINSON—Light lavender.....	.10	.30	1.00
MRS. WALTER WRIGHT—Rose purple.....	.10	.30	1.00
MISS WILMOTT—Orange pink.....	.10	.30	1.00
NAVY BLUE—Indigo and violet.....	.10	.30	1.00
NORA UNWIN—Very fine pure white. White seeded.....	.10	.30	1.00
OTHELLO—Very dark maroon.....	.10	.30	1.00
PHENOMENAL—Shaded, edged lilac.....	.10	.30	1.00
PRIMA DONNA—Pure pink, self colored.....	.10	.30	1.00
PRINCE OF WALES—Rose crimson.....	.10	.30	1.00
QUEEN ALEXANDER—Bright scarlet, red, self-colored.....	.10	.30	1.00
ROMOLA PIAZZANI—Violet blue self.....	.10	.30	1.00
ROSE DU BARRI—Crimson orange.....	.10	.30	1.00
SALOPIAN—Pure red.....	.10	.30	1.00
SHASTA—Large white.....	.10	.30	1.00

SWEET PEAS IN MIXED COLORS.

	Oz.	¼ lb.	1 lb.
PEERLESS MIXED—The best Grandiflora Mixture, colors well proportioned.....	\$.10	\$.30	\$ 1.00
LIGHT COLORS MIXED—Our best mixed of all light colors.....	.10	.30	1.00
CUPID MIXED—Low growing, suitable for borders and driveways.....	.10	.30	1.00

CHRISTMAS FLOWERING SWEET PEAS.

For Home Culture.

For those who have the convenience and room a few of the winter flowering Sweet Peas are a boon. We offer the following:

CHRISTMAS PINK—Pink.....	Pkt., 10c; Oz. 40c
MRS ALEX WALLACE—Lavender.....	Pkt., 10c; Oz. 40c
MRS. C. H. TOTTY—Sky blue.....	Pkt., 10c; Oz. 40c
MRS. F. J. DOLANSKY—Clear pale pink.....	Pkt., 10c; Oz. 40c
MONT BLANC—White.....	Pkt., 10c; Oz. 40c
MIXED, ALL COLORS—Cupid type.....	Pkt., 10c; Oz. 40c

LATHYRUS—Everlasting Sweet Pea.

A hardy perennial climber, reaching a height of three to four feet. Extremely valuable for covering fences, and also for cut flowers. Bears profusely sweet pea like blooms.

Crimson.....	Pkt., 10c; oz., 30c	White.....	Pkt., 10c; oz., 30c	Pink.....	Pkt., 10c; oz., 30c	Mixed.....	Pkt., 10c; oz., 25c
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FREE

We issue the following Pamphlets on the subjects named, and same will be forwarded on request stating those desired

SWEET PEAS, THEIR CULTURE.

MUSHROOMS—Culture of, and class of spawn to use.

SMALL FRUIT CULTURE IN THE NORTHWEST—Covering full cultural directions for Strawberries, Raspberries, Blackberries, Gooseberries and Currants.

LAWNS, THEIR PREPARATION AND CARE—Covering this most important adjunct to the appearance of any home.

SEE PAGE 44 FOR FULL LIST OF THESE.

These pamphlets are written for the amateur, all technical verbiage eliminated from their pages, and will be found an invaluable aid to the better understanding of the subjects to which they refer. They are fully illustrated in their various lines.

IMPORTANT NOTICE

The seed and nursery business of this country—like all non-essential industries, suffered by enlistment and draft to a very large extent. You can assist delivery of goods very materially **BY PLACING YOUR ORDERS EARLY**, thus allowing the available force to work to the best advantage. **MAY WE HAVE YOUR CO-OPERATION?**

WORTH KNOWING

How to Select Flower Seeds for Special Purposes

Long-Stemmed Flowers From Seed Suitable for Bouquets or Vases.

Aquilegia
Asters
Calliopsis
Carnation
Centaurea
Chrysanthemum—H. P.
Coreopsis
Cosmos

Dahlias
Delphinium—H. P.
Dianthus
Gaillardia
Gypsophila
Larkspur
Lupinus
Marigold

Mignonette
Poppy
Salpiglossis
Scabiosa
Stocks
Sunflowers
Sweet Peas
Zinnias

Fragrant Flowers from Seed. Varieties Marked H. P. Are Hardy Perennial.

Abronia
Alyssum
Carnations
Dianthus Hardy
Geranium
Heliotrope

Lavender—H. P.
Mathiola
Mignonette
Mimulus
Nicotiana
Pinks—H. P.

Scabiosa
Stocks
Sweet Peas
Sweet William—H. P.
Wallflower

Ornamental Foliage Plants Grown from Seeds.

Amaranthus
Canna
Centaurea

Coleus
Kochia
Marvel of Peru

Pyrethrum
Aureum
Ricinus

Drooping Plants for Vases, Hanging Baskets, Etc.

Alyssum
Asparagus
Sprengerii

Nasturtium, Tall
Oxalis
Calendula

Petunia
Vinca

FARMERS READY REFERENCE BOOK—The most complete farm book on the market. Every department of farm life covered in detail by experts. Each (Postpaid), 15c, while the supply on hand lasts. Well worth several times its cost.

NATIONAL COOK BOOK—A manual of Good Recipes, carefully chosen from the contributions of over two thousand successful cooks and chefs in this and foreign countries, also useful notes on the various classes of good things to eat. All of which have been carefully checked and re-checked by competent authority. Special attention has been given to Bread and Pastry Making and the various dainties dear to good cooks. Each (Postpaid), 15c, while the supply on hand lasts, in every respect the equal of any book of its kind ever published.

SPECIAL FOR THE FARMER—A set of 20 varieties of Farm Seeds, Alfalfa, Clovers, Millets, Grass Seeds, etc., mounted under glass, with seedling table accompanying. A most useful outfit for the farmer desiring to know seeds and to have the means of identification on hand. Price, (Postpaid), 25c.

POULTRY REMEDIES—We carry a complete line of Poultry Remedies. See last pages for list and prices.

PLANT FOODS—For your House Plants—See list of Insecticides, etc., on last pages.

PLAN FOR HOME GARDEN

WHERE SPACE IS LIMITED



For the convenience of those who have only a limited space at their command, the accompanying plan is suggested as an aid in laying out a small garden.

Where the rows are made the distances apart indicated on this diagram, thirty-five feet are required in one direction. If the rows are to run east and west, it is desirable to have the corn at the north end, otherwise the corn is likely to shade too much the rows near it on the west side. The rows may be as long as space permits or individual preferences may call for, and where space is less limited, more rows of favorite sorts may be added or provision made for other vegetables or flowers that may be desired.

Every garden should have its flowers. Plant a few Sweet Peas—Nasturtiums, Tall or Dwarf. Our mixed varieties of Asters, Pansies, Petunias, Phlox, Poppies, Morning Glory, Marigolds, Verbenas and Zinnias, are easily grown. A few packets of flower seeds will give you an abundance of beauty and pleasure. *Make the garden beautiful.*

General List of Vegetable Seeds

VEGETABLE GARDEN TIME TABLE FOR PLANTING SEEDS
From Practical Experience.

Asparagus.....March to June
Beans (All varieties).....May
Beets (Table varieties).....April to May
Beets (Stock).....May
Broccoli (Hot Bed).....March
Brussels Sprouts (Hot Bed).....March
Cabbage (Early varieties, hot bed).....March
Cabbage (Late varieties, hot bed).....April
Cabbage (Late, in open).....May
Carrots (Table varieties).....April and May
Carrots (Stock).....May
Cauliflower (Hot bed).....March
Celery (Early, hot bed).....March
Celery (Late, hot bed).....April
Chervil.....May to July

Cress (Pepper Grass).....May to July
Cress (Water).....May to July
Corn.....May 10 to 20
Cucumbers.....May
Endive.....April to July
Kohl Rabi.....May and June
Kale.....May
Lettuce.....April to July
Leek.....May
Melon (Water).....May
Melon (Musk).....May
Onion Sets.....March and April
Onion Seed.....April and May
Onion Seed (to Winter).....July and August
Parsnip.....April
Parsley.....May
Peas.....April to June

Pepper (Hot bed).....March
Potatoes.....May
Pumpkin.....May
Radish.....April to July
Rhubarb.....May to July
Salsify.....April and May
Spinach.....April to August
Squash.....May
Sunflower.....May
Turnip.....April to July
Tomato (Hot bed).....March
Butabaga.....May and June
This table is for general use in Montana and has been compiled after much experience in vegetable gardening. This will apply to Idaho, Dakota and Wyoming, also.

United States Food Administration—License No. G-33773.

Correspondence in English, German or Scandinavian

ARTICHOKES



JERUSALEM ARTICHOKE.

3 lbs. per 100 feet of row.

Most valuable food for hogs that can be grown. Every hog raiser should plant them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily, 300 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them for if given an opportunity, the hogs will help themselves.

Artichokes need planting but once, and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn; they will come up thickly all over the surface. Those wishing to purchase should place orders early.

ASPARAGUS

1 oz., 100 feet of drill.

Ger.—Spargel.

Scand.—Asparges.

Sow early in the spring in drills 2 inches deep and 12 inches apart if to be cultivated by hand. One ounce of seed will make about 500 plants. When the plants are one or two years old transplant to rows 5 feet apart and 18 inches apart in the row. Cover the soil 4 to 5 inches deep with well rotted manure and disc well—then plow as deep as possible and fine with harrow. Turn furrows 5 feet apart, about 6 inches deep. Place plants in these about 18 inches apart, with roots well spread out. Turn a light furrow back over them and level with the harrow by cross harrowing.

ASPARAGUS—(Conover's Colossal) Pkt., 5c; oz., 10c; lb., 90c. The favorite in our western market having a pink tinge, and very fine flavor, of vigorous growth, none better.

ASPARAGUS—(Palmetto).....Pkt., 5c; oz., 10c; lb., 90c

The plants are strong and vigorous in growth, producing large thick, dark green shoots, with a distinctly pointed head or tip.

ASPARAGUS—(Bonvallet's Giant) Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35

The quickest yielding (a year ahead of seeds of other sorts), heaviest producing, finest quality and most disease resisting of any variety. Market gardeners are discarding other well known sorts in favor of this variety.



ASPARAGUS KNIFE—(American)—This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as Dandelions.
Each, 50c; Postpaid60c



ASPARAGUS.

Inoculate this
Seed with
FARMOGERM.

BEANS

Inoculate this
Seed with
FARMOGERM.

Ger.—Bohnen.

Scand.—Boennet

(2 lbs. to 100 feet in drills, or 150 hills; 120 lbs. to the acre, in drills.)
(1 lb. is a little more than a pint. 2 lbs. is a little more than a quart.)

Beans require a light friable soil, with plenty of moisture. In the garden, the soil should be made mellow and rich, and kept so. All pole varieties should be provided with poles or a trellis on which to climb. For a garden crop, a succession of sowing can be made from the first week in May until the middle of June. Sow in rows 18 to 24 inches apart and cover from 1 to 2 inches deep, but not more. Keep the pods picked and the vines well watered and the beans will continue bearing much longer than if allowed to dry up. Hoe the rows occasionally. For farm crop, plant about 25 pounds pole beans per acre in rows 36 inches apart. Heavy clay or adobe soils are not suitable for beans.

SEE RED INSERT PAGE 80 FOR PRICES ON BEANS.



Improved Golden Wax.

YELLOW PODDED VARIETIES.

Improved Golden Wax—Probably the best known of all Wax Beans; it is the ideal Wax Bean; very prolific. Thick fleshed and stringless.

CHILDREN SUCCEED WITH OUR SEEDS AND PLANTS.

Choteau, Mont., June 21, 1918.

State Nursery & Seed Co., Helena, Mont.

Gentlemen:—I received the plant in good condition and it seemed to be just as fresh as when you put it in the package. I am eleven years old and mamma says your plants are so reasonable I may get a plant whenever I want one. I have a small vegetable garden, but I was too late to put in flowers this year.

Respectfully,

Alice Emily Dennis.

BEANS---DWARF OR BUSH



Improved Black Wax.

Improved Black Wax—An old favorite, which is universally popular. Round, full, fleshy pods. Excellent flavor. Stringless and very tender.

Davis' White Wax—Is a very productive sort. Pods long, straight and thick. Beans white, kidney shaped.

Curries' Rust Proof Wax—A very early, beautiful Wax Bean, bearing an abundance of crisp, tender, stringless pods, flat, long, meaty. It is absolutely rustproof, at least we have never seen any beans of this variety that were affected with rust. The vine is hardy and vigorous. The beans, when ripe are bluish-black and kidney shaped. An excellent shipper.

Wardwell's Kidney Wax—A prolific bean, with light colored pods, slightly curved. A kidney shaped bean, speckled in color. A first-class garden bean.



Rust-Proof-Wax.

BEANS

Dwarf or Bush, Green Podded Varieties



Long Yellow Six Weeks.

Long Yellow Six Weeks—Early, full, flat, green pod, an old favorite, productive and of excellent quality.

Early Red Valentine—Long, full cylindrical green pods, creased back, very fleshy, crisp and tender.

Black Valentine—A prolific yielder, similar to the Red Valentine slightly larger, and a very tender bean. Black seeded.

Late Refugee or 1000 to 1—A very productive bean, exceedingly tender and of most excellent flavor. Pods are long, cylindrical light green and of good quality; mid-season and late use and excellent for pickling.



Beans (Late Refugee.)



Bountiful.

Bountiful — This bean is of most handsome growth, very sturdy and practically rust proof. Very early, hardy and very prolific. Pods are very large, of rich meaty flavor; very tender and stringless.

SEE RED INSERT—PAGE 80—FOR PRICES ON BEANS.



Stringless Green Pod.

Stringless Green Pod—An early variety, with long pale green pods. Keeps tender for a long time after reaching maturity.



Feltham Prolific.

BEANS—Pole or Running.

Feltham Prolific

This is a new dwarf French bush Bean. It is perhaps the heaviest cropper yet introduced, with rich green fleshy pods, crisp, tender and stringless. Remarkably quick in growth. A test of 4 ounces of seed last season in Montana yielded 10 lbs. of dried beans.

1/4 lb.	30c
1/2 lb.	50c
Lb.	85c



Kentucky Wonder.

Kentucky Wonder or Old Homestead—An enormously productive variety; entirely stringless, large tender pods; best pole bean for market gardeners.

Scarlet Runner—An English bean of great merit; very tender and sweet; also grown as ornamental flowering vine for trellises.

Lazy Wife—Immensely popular, pods medium dark green color, from 4 1/2 to 6 inches long; very fleshy and stringless when ripe; an excellent shell bean.

FOR PRICES ON BEANS SEE RED INSERT—PAGE 80.

FIELD BEANS.

California Wonder—A wonderfully productive white field bean. This is the heaviest yielding Bean known, belonging to the class of field beans resembling the well known "Navy". On account of its snowy whiteness, small size, the California Wonder commands high prices. Our seed is carefully selected pure stock seldom found in Navy Beans. Thirty pounds of California Wonder Beans will plant an acre.

Great Northern Navy Bean—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked bean are "par excellence." Sow 16 to 24 lbs. to the acre.



Great Northern Navy Bean.

Improved White Navy—The result of years of careful growing and selecting. Far superior in both quality and productiveness to the common sorts. The vine is of medium size, erect, bearing a profusion of long pods well up from the ground. The dry beans are small, pure white and of fine appearance.

BEANS—Dwarf or Bush Lima.



Fordhook Bush Lima.

Fordhook Bush Lima—A vigorous and erect growing type. The pods are of a medium green color, and contain three to five beans of exceptionally fine quality. Very productive, and matures early. Very popular for both home and market use.

Burpee's Bush Lima—Large white; is the earliest Lima Bean in cultivation; a great favorite for the family garden.

Broad Windsor—This bean is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and 2 inches deep in drills three feet apart, to insure well filled pods, pinch off the tops as soon as pods begin to set.

BROCCOLI

¼ oz. to 100 feet of drill, 2 to 3 oz. to the acre.

Ger. Sparckohl. Scand. Broccoli-kaal.
(One ounce will produce about 3,000 plants.)

Sow the first week in May in drills 3 or 4 inches apart, covering seeds lightly. When the leaves are about three inches broad, transplant to prepared beds 2 feet apart each way. Much resembles Cauliflower, cultivation the same.

BROCCOLI—(Snow White).....Pkt., 5c; oz., 60c; ¼ lb., \$2.00
Pure white color; heads medium size, close and compact.

TABLE BEETS

For prices on Beets see Red Insert page 80

Ger. Rube. Scand. Rodebete.
HOW TO PLANT—The soil should be rich and deeply plowed, say 8 to 10 inches. Sow in rows from 14 to 20 inches apart and about 1 to 1½ inches deep. About 6 pounds of seed to the acre for garden or stock feed and for sugar about 20 pounds of seed to the acre. As soon as the plants have the fifth and sixth leaf, thin to one plant each 8 inches. If under irrigation, water as soon as thinned. Cultivate often and do not water again until absolutely necessary, as the soil will dry from the surface down and the tap roots will follow. Careful tests have proven that one cultivation a week will give the best results. Keep clean and remember that cultivation is the next thing necessary after the best seeds and the two are necessary for success.

(One ounce to 100 feet of drill, 5 to 6 lbs., per acre.)



Beet (Crimson Globe.)

Crimson Globe—Beets may come and Beets may go, but still the Crimson Globe retains its position as the best Beet for the market gardener, as well as for the private garden. It is very symmetrical, with small tap root, and but few fibrous roots; color outside is deep blood-red; inside layers of blood red, light grained and unsurpassed in quality. One sowing only is necessary to produce early beets for market and main crop for winter use.

Detroit Dark Red Turnip

—One of the best early Beets either for table or market; small top, early maturing, splendid shape and color, very crisp, tender and sweet.

Dark Red Egyptian

Has more good qualities than any other beet, extra early, sweet small - leaved; color dark crimson.

BEET—(Market Gardener's)—See **Crimson Globe**.

Eclipse—Best variety for main crop; good keeper, clear blood red, sweet and tender.

Early Blood Turnip—An old standby; good for early or late planting. Of fine form, good flavor, red color. Very desirable for home or market purposes.

Long Smooth Blood—A very fine late variety, deep red color, a splendid keeper.



Bee—Detroit Dark Red.

Half Long Blood—An excellent main crop beet. A great favorite as a table or field sort. Roots are deep red in color and always symmetrical and smooth. In quality it is sweet, crisp and tender, and is an enormous cropper, and a reliable winter keeper. It is a heavy beet without being hard to pull. It never becomes woody and is always good for table use or stock food, whether pulled young or old.

Thos. M. Murn

Lawyer

Terry, Mont.

State Nursery & Seed Co., Helena, Mont.

Gentlemen:—I am in receipt of seeds and plants and beg to thank you for the splendid service you have given. The plants were all in good shape and I have not lost a single one. Tomatoes were exceptionally fine, and are now budding. I wish you would send the enclosed orders as soon as possible, for which I enclose check to cover. Thanking you again for attention you have given me, I am

Yours very truly,

Thos. M. Murn.

May 16, 1918.

Great Falls, Mont., June 11, 1918.

State Nursery & Seed Co., Helena, Mont.

Gentlemen:—With the enclosed order, I beg to thank you for all the orders I have sent you. You have given me the best and most prompt attention, and I have duly received everything in perfect order. Thanking you for the excellent plants and seeds you always send.

Yours very truly,

Allen Cameron.

Ballantine, Mont., May 27, 1918.

State Nursery & Seed Co., Helena, Mont.

Gentlemen:—I received the Everbearing Strawberries in excellent shape. I set them out and everyone is growing. I never saw such strawberries for the money.

Yours respectfully,

Sofie Simek.

SUGAR BEETS

Klein's Wanzlebener—Best of all sugar beets; has rather long slender root, very rich in sugar; will yield under average conditions 16 tons to the acre. All stock men know that sugar makes fat, and will realize its value as a stock food.

Vilmorin's Improved—This French variety is popular with sugar beet growers; contains a larger percentage of sugar and requires less water than others.

Giant Feeding Sugar Beet or Half Sugar White Mangle—The most valuable of all stock feeding, very heavy yielder, the favorite with stock feeders, very easily pulled, growing half out of the ground.

Stock Feeding—A Half Sugar Beet of large size, and is a very popular variety with cattlemen.

For Stock Feeding—The ground should be thoroughly prepared and made firm and mellow, same as for Mangels. Seeding and cultivation should be continued in much the same manner except that they should be thinned out 6 to 8 inches in a row. The Giant Feeding Sugar Beets or Half Sugar Mangels are especially valuable for feeding stock as they give a feed of much greater nutritive value than mangels.

FOR PRICES ON SUGAR BEETS AND MANGELS—SEE RED INSERT PAGE 80



Sugar Beet
Klein
Wanzlebener.



Mangel Wurzel Yellow Globe.



Mangel Wurzel—Giant Red Eckendorf.

MANGEL WURZELS

Mammoth Long Red—Immense yielder; very large, skin dark red; splendid for winter feeding.

Golden Tankard—The dairyman's mangel; fine grained yellow flesh, rich in milk producing qualities.

Danish Sludstrup—The Danish government encourages the growing of root crops by offering certificates of merit to growers who select and produce sorts which are of distinctive value. Sludstrup is considered the best of all Mangels, having been awarded first class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled.

Giant Half Sugar Rose—A magnificent sort, growing at least half out of the ground, rendering the crop easy to gather. Skin of the upper part is rose colored, and the lower part white. Flesh white tinged with rose.

Giant Red Eckendorf—A very popular variety grown in European countries when root crops are grown on a very large scale. It ever it has been tried. The roots are smooth, long and cylindrical in shape, very much like the tankard mangels. They are very heavy, weighing from 15 to 20 pounds each. The flesh is firm, crisp and solid, white in color and of high feeding value. This variety is easily harvested, a large proportion growing above ground.

Giant Yellow Eckendorf—The same as the Giant Red variety except the skin is yellow. Very desirable in all respects.

Yellow Globe—An especially good variety to grow if one has a limited supply of water; a great favorite for dairymen, making a wonderful increase in milk; easy to pull and harvest; tops are small.

Red Leviathan—Makes a large, magnificent root, growing half above ground and easily lifted; an enormous cropper and good keeper. It is of even shape, with smooth skin. Flesh firm and sweet.

For Prices on all Vegetable Seeds not quoted—see Red Insert—page 80.



SWISS CHARD

2 oz. to 100 feet of drill.

Ger.—Briskohl.

Scand.—Bladbed.

SWISS CHARD—Or Sea Kale Beet—Although little known in America, this vegetable is worthy of a place in every garden. The leaf and the leaf stem are the parts used and they are much superior to those of other beets to use as greens. Later in the season the broad, flat beautiful wax-like leaf stems are cooked as a salad or pickled.

BRUSSELS SPROUTS

Ger.—Rosenkohl.

Scand.—Rosenkaal.



BRUSSELS SPROUTS—Species of cabbage, cultivation the same. One ounce will grow a bed of 40 square feet and produce about 300 plants. This is a delicious vegetable, superior to either Broccoli or Spinach. The cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hot beds in March or April, and in the open ground in May; cultivate same as Broccoli.

Improved Half Dwarf—Pkt., 5c;
oz., 50c; ¼ lb.\$1.75
An improved variety growing about 20 inches high; produces sprouts in abundance, cut out head of plant when sprouts have formed.

CABBAGE

¼ oz. to 100 feet of drill.

One ounce will produce 3000 plants; one-quarter pound will produce plants for one acre.

The soil should be deep and rich. For early crop grow plants in hot beds, transplanting to cold frames and then as early as possible after danger of freezing to the open ground. Cultivate often and keep well watered if under irrigation. For late crops sow seed in open ground and transplant, or some succeed finely by sowing seeds in hills where wanted and thinning to one. This avoids the necessity of waiting for a damp time to transplant.

EXTRA EARLY VARIETIES.

For Prices See Red Insert—Page 80.

Early Jersey Wakefield—This, has been for many years the leading early Cabbage in America. The main difficulty has been to get a perfectly satisfactory and reliable strain of seed. Buyers will find Early Jersey Wakefield the genuine article. It has few outer leaves, and in compactness and regularity cannot be surpassed. The thick stout leaves and compact habit make it the best sort for very early setting. It frequently matures inside of 100 days from sowing.



Early Winningstadt—This is another old and famous type of early Cabbage but as in the case of Wakefield, the main difficulty is to get a strain of seed representing the highest grade of excellence. Such a strain will be found in our Winningstadt. It is almost as early as Wakefield. It is a sure header, even where other sorts may fail and seems to be less liable to the attacks of Cabbage worm than many other varieties.

Cabbage (Early Winningstadt.)



Cabbage (Glory of Enkhuizen.)

Glory of Enkhuizen—The earliest and largest white Cabbage—attractive for market purposes. Solid with large ball shaped heads thin-ribbed and hard, few outside leaves; exceedingly tender. Is a dwarf and compact grower; allowing close planting; will yield more tons per acre than any other variety.

Copenhagen Market—A new early variety, which will be very popular with market gardeners. It is the finest large, round-headed early Cabbage in cultivation. It is further desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land

We handle Planet Jr. Seeders and Cultivators and Barker Mulcher Weeder.

at the first cutting. The heads average about ten pounds each in weight, are hard and solid and with small core. The quality is extra fine and sweet. It matures as early as the Wakefield and will yield more to the acre in weight. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer shaped and tightly folded, making it possible to set them close together in the field.

Extra Early Express—This variety has produced fair-sized marketable heads in 80 days from the sowing of the seed. There are few loose leaves and almost every plant forms a head. It can be planted close and yields a large crop.

CABBAGE—SECOND EARLY VARIETIES.



Cabbage—Improved Brunswick.

Improved Brunswick—An ideal second early variety of drumhead type. Desirable for the home garden, dwarf and compact. Is good for Summer, Autumn and Winter crop. Desirable for all sorts of planting.

All Head—A large heading variety, heads very flat and compact. Can be planted as close as the Jersey Wakefield, having few outside leaves.

Early Summer—It is the earliest of large Cabbages, being at least a week in advance of any other strains of Early Summer. The deep flat

heads are remarkably uniform in shape, size and color. Good quality and tenderness are marked features.

LATE OR WINTER VARIETIES.

FOR PRICES SEE RED INSERT—PAGE 80.



Cabbage—Large Late Flat Dutch.

Large Late Flat Dutch—A low growing variety, heads large, bluish green, round solid broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header.

Hollander or Danish Ball Head—Very hardy, handsome, very solid, of fine quality. Plant vigorous compact growing, with longer stem than most American sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whitish bloom. Heads medium sized, round very solid, and stands shipment better than any other late sort.

Surehead—For main crop is unexcelled; large flattish round heads, fine and solid; always "heads."

CABBAGE—(Danish Roundhead)—(Short Stem)—This is an improved form of the Danish Ball Head, and will average more in weight per head than the old parent type. Shorter stemmed, very vigorous and has developed a wonderful capacity for withstanding hot sun. Inside leaves blanch pure white, very solid, and exceedingly crisp and tender.

RED CABBAGE

Red Dutch—Used principally for pickling, good color and solid heads.

SAVOY CABBAGE



Cabbage—Savoy.

Drumhead Savoy—Should be more generally sown; delicious after slightly frosted.

Chinese Pe Tasi or Celery Cabbage—This Chinese introduction is really of great merit, growing somewhat like the Cos Lettuce. Boiled and seasoned with butter, it makes a most delectable dish, and is also a splendid base for salads. Sow rather later than ordinary Cabbages—as too early sowings have a tendency to run to seed too quickly.

We guarantee safe delivery of seed orders by Parcel Post is insured. Five cents insures package to value of \$25.00.

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80

We handle Planet Jr. Seeders and Cultivators and Barker Mulcher Weeder.

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80

CARROT

Ger.—Moehre. Scand.—Gulrod.

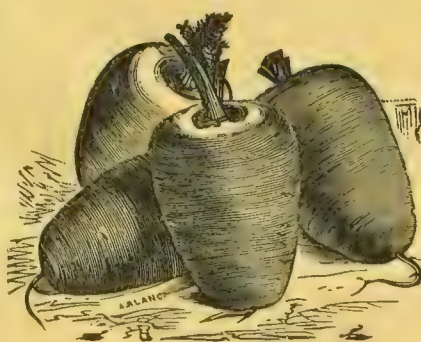
(One ounce to 100 feet in drill; 3 to 4 pounds to an acre.)
Good sandy loam is best adapted for Carrots of all varieties. The shorter varieties, however, can be sown in heavier lands with good results.



Carrot—French Forcing.

Oxheart or Guerande—Medium early, bright orange color, fine grained and sweet, one of the best table varieties. Can be pulled by hand; well suited to heavy soils, but will thrive equally well in other situations.

Early Chantenay—A French variety, well adapted to family or market garden's use, as it is tender, fine grained and sweet.



Carrot—Oxheart or Guerande.

Danvers Half Long—A standard variety and one of the heaviest croppers. Color dark orange, very thick shoulder, of a most excellent quality. Length 8 to 10 inches.

Half Long Scarlet Stump Rooted—A variety about as large as Danvers, but not so thick. It is of uniform thickness from shoulder to root and very stump-rooted.

Improved Long Orange—Excellent variety for garden or field culture. Good quality for dairy cows; attains large size.

CARROTS FOR STOCK

Mastodon—A vast improvement on the White and Yellow Belgian sort. The roots are short and very heavy at the shoulder, and frequently measure 15 to 20 inches, yielding from 20 to 25 tons to the acre.

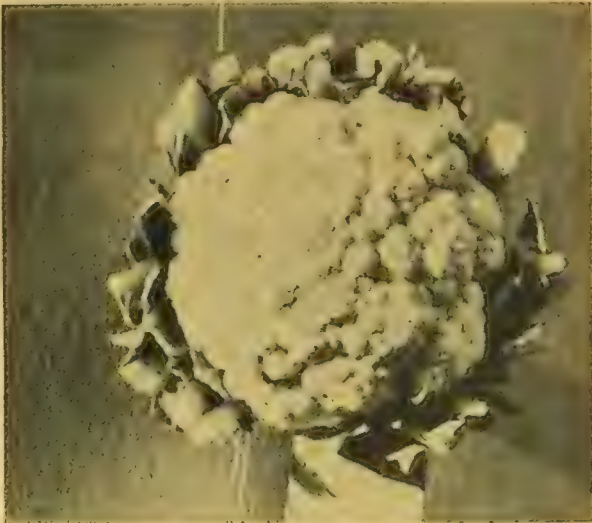
White Belgian—Grown extensively for stock feeding. Very heavy cropper.

Victoria—Our records prove this to be the most popular Red Stock Carrot in the list, no doubt on account of its sweetness and heavy yield.

CAULIFLOWER

(One ounce for 3,000 plants.)

¼ oz. to 100 feet of drill. Two oz., to the acre.



Early Snowball.

Culture—Cauliflower is a gross feeder, and well repays heavy manuring and high culture. It succeeds best on well drained soil. For spring crop, plant the seed in protected beds early in February and the plant will be ready to transplant probably early in April. The young plants should be thinned, since they become very spindly if allowed to grow too thick in seed bed. Plant in rows two feet apart—eighteen inches in the row.

Early Snowball—Is the best all-round Cauliflower on the market—early or late—for the family or the market garden. It heads where others fail. Its close and compact habit of growth permits one-third more to be planted on the same quantity of ground than can be done with other varieties.

Early Dwarf Erfurt—An extra early variety; scarcely a plant fails to produce a head.

Dry Weather or Danish Giant—Is more resistant to unfavorable seasons than other sorts, particularly in dry weather.

Early Paris—A compact, short-stemmed variety of exceptional merit, especially adapted to the family garden.

Autumn Giant—A splendid late variety, as its name indicates. Very large, very white and a sure header under almost all conditions.



Celeriac—Giant Smooth Prague.

CELERIAC

Ger.—Knoller Sellerie. Scand.—Knopselleri.

Giant Smooth Prague—Turnip rooted celery. Excellent for soups, will keep all winter; roots large, smooth, good flavor.

CELERY

Ger.—Sellerie.

Scand.—Selleri.

(One ounce will produce 7,000 plants.)

(¼ oz. to 100 feet of row. Two oz. to Acre.)

Sow seeds in a hot bed or cold frame. As soon as the plants are about 3 inches high, transplant to a nicely prepared bed in the border, setting them 4 or 5 inches apart. When some 8 inches high, and fine stocky plant, set them in trenches. Earth up a little during the summer keeping the leaf stocks close together so that the soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up in moist weather.

Keep the seed bed moist to insure quick germination and vigorous growth.



Paris Golden Self Blanching—A remarkable early sort, entirely self-blanching, with beautiful, large golden-yellow heart, crisp solid and nutty in flavor.

Easy Blanching—The most valuable celery introduced in many years, with a remarkable natural tendency to blanch readily. Those who have never been successful in growing good celery can depend on this variety. Valuable both for early use and for its winter keeping qualities. Of very quick growth, thick stalks, very tender and brittle, and rich flavor. Its unusually long season for use appeal to the home gardener as well as the commercial grower.

Montana Perfection—Finest and largest winter variety. The best keeper known; solid, crisp, tender and of an exceedingly fine flavor; more largely grown here than all other varieties put together.

Golden Hearted Dwarf—A most desirable and very hardy variety, very solid and crisp, blanching exceedingly white, with a clear golden heart. An excellent shipper.



Celery—Montana Perfection



Celery—White Plume.

White Plume—Handsome, early, crisp, almost pure white, self-blanching, easily cultivated; the most popular with Montana growers, both for market and home garden.

Celery Seed—For Flavoring. (Not for sowing.) ¼ lb. 20c; 1 lb., 60c, postpaid.

CHERVIL

(One ounce to 100 feet of row.)

CHERVIL—(Curled) Pkt., 5c; oz., 25c; ¼ lb., 75c
An aromatic herb. The young leaves are used in soups and salads.

CHIVES---Snittlauch

(See Vegetable Plants.)

Chives—A vegetable of the Onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root or sowing of seed. The chives are equal to the Onion for flavoring soups and salads.

CORN SALAD

Ger.—Feldsalat.

Scand.—Vaarsalat.

Two oz., to 100 feet of drill.



Corn Salad.

CORN SALAD—(Or Fetti-cus) A salad plant used as a substitute for Lettuce in salads or may be cooked like spinach for green. It does well in the fall and spring. On rich soil the leaves renew rapidly after being cut.

STATE NURSERY AND SEED CO.,

HELENA,
MONTANA

PRICE LIST OF VEGETABLE SEEDS AND FIELD SEEDS

(ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE)

IMPORTANT—READ CAREFULLY

We pay postage on all seeds quoted in packets, ounces, ½ pints, and ¼ lbs., also on 1 lb. where specified. On all orders—where the individual items of any kind are wanted in quantities of 1 lb. or more, and are not quoted as P P (Postpaid) ADD POSTAGE—if desired by parcel post. Otherwise, all orders will be sent by express or freight, at the purchaser's expense.

1 lb. is little more than 1 pint; 2 lbs. is little more than 1 quart.

PAGE 71

ARTICHOKES Per lb., 25c postpaid; 10 lbs., at pur-
chasers expense \$1.25

ASPARAGUS. Pkt. Oz. ½ lb. 1 lb.
Conover's Colossal05 .40 .35 .90
Palmetto05 .10 .35 .90
Bonyallets' Giant05 .15 .40 1.35
Asparagus Knife, each 50c; postpaid 60c
Asparagus Roots—see page 45.

PAGE 72

BEANS Pkt. ½ pt. Lb.
Improved Golden Wax05 .20 .35
Davis White Wax05 .20 .35
Improved Black Wax05 .20 .35
Curries' Rust Proof Wax05 .20 .35
Wardwell's Kidney Wax05 .20 .35
Any of the above varieties—5 lbs. or more by express or
freight at 30c per lb.

PAGE 73

BEANS Pkt. ½ pt. Lb.
Long Yellow Six Weeks05 .20 .35
Early Red Valentine05 .20 .35
Black Valentine05 .20 .35
Late Refugee or 1000-105 .20 .35
Bountiful05 .20 .35
Stringless Green Pod05 .20 .35
Any of the above varieties—5 lbs. or more by express or
freight at 30c per lb.

PAGE 74

BEANS Pkt. ¼ lb. Lb.
Feltham Prolific10 .25 .85
..... Pkt. ½ pt. Lb.
Kentucky Wonder05 .20 .40
Scarlet Runner05 .20 .40
Lazy Wife05 .20 .40
California Wonder05 .30
Great Northern Navy25
Improved White Navy05 .45 .25

PAGE 75

BEANS Pkt. ½ pt. Lb.
Fordhook Bush Lima05 .20 .40
Burpees Bush Lima05 .20 .40
Broad Windsor05 .40

BROCCOLI—Snow White Pkt. Oz. ¼ lb.
..... .05 .60 2.00

BEETS Pkt. Oz. ½ pt. 1 lb PP
Crimson Globe05 .20 1.75
Detroit Dark Red Turnip05 .20 1.75
Extra Early Egyptian05 .20 .25 1.75
Eclipse05 .20 .25 1.65
Early Blood Turnip05 .20 .25 1.50
Long Smooth Blood05 .45 1.35
Half Long Blood05 .45 1.35

PAGE 76

SUGAR BEETS Pkt. ½ pt. 1 lb. PP 10 lbs. By
Exp.
Klein Wanzlebener05 .25 1.50 14.50
Vilmorin's Improved05 .25 1.50 14.50
Giant Feeding Sugar Beet05 1.25 12.00
Stock Feeding05 1.25 12.00

MANGELS

Mammoth Long Red05 .20 1.00 9.50
Golden Tankard05 1.00 9.50
Danish Sludstrup05 1.00 9.50
Giant Half Sugar Rose05 1.25
Giant Red Eckendorf05 1.00 9.50
Giant Yellow Eckendorf
Red Leviathan
Yellow Globe05 .20 1.30

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SWISS CHARD Pkt. Oz. ¼ lb. 1 lb PP
..... .05 .25 .75 2.50
BRUSSEL SPROUTS05 .50 1.75
CABBAGE
Early Jersey Wakefield05 1.25 3.75 12.50
Early Winningstadt05 1.00 3.00 10.50
Glory of Enkhuizen10 1.25 3.75 12.50
Copenhagen Market10 1.50 4.50 15.00

CABBAGE

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Extra Early Express05 1.00 3.00 10.50
Improved Brunswick05 .85 2.55 8.50
Early Summer05 1.00 3.00 10.50
Large Late Flat Dutch05 1.00 3.00 10.50
Hollander or Danish Ball Head05 1.50 4.50 15.00
Surehead05 .90 2.75 9.50
Danish Roundhead05 1.25 4.00 15.00
Red Dutch05 .90 2.75 9.50
Savoy—Drumhead05 .85 2.55 8.50
Chinese Pe Tasi or Celery Cabbage10 .50 1.35 4.50

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CARROT Pkt. Oz. ½ pt. ¼ lb. 1 lb PP
French Forcing05 .2575 2.50
Early Scarlet or Short Horn05 .2575 2.50
Oxheart or Guerande05 .20 .60 .75 2.25
Early Chantenay0575 2.50
Danvers' Half Long05 .25 .60 .75 2.35
Half Long Scarlet Stump Rooted05 .2065 2.00
Improved Long Orange05 .2575 2.25

STOCK CARROT	PAGE 79			
	½ pt.	¼ lb.	lb.	By Exp. 10 lbs.
Masterdon		.30	1.10	10.00
White Belgian		.30	1.00	9.00
Victoria	.25	.30	1.50	9.00

CAULIFLOWER	PAGE 79			
	Pkt.	¼ oz.	Oz.	¼ lb.
Early Snowball	.25	1.15	1.00	11.00
Early Dwarf Erfurt	.15	1.10	1.00	12.00
Dry Weather or Danish Giant	.15	1.15	1.00	11.00
Early Paris	.10	.90	3.50	11.00
Autumn Giant	.10	.60	2.00	6.00
CELERIAC	.05		.25	.75

CELERY	PAGE 80			
	Pkt.	Oz.	¼ lb.	Lb.
Easy Blanching	.15	.75	2.50	---
Paris Golden Self Blanching	.25	.90	3.00	---
Montana Perfection	.05	.30	.75	---
Golden Hearted Dwarf	.05	.30	.75	---
White Plume	.05	.50	1.25	---
CELERY SEED—For flavoring—not for sowing			.20	.60

CHERVIL	.05	.30	.90	---
CHIVES—Roots—see page 45.				
CORN SALAD	.05	.25	.75	2.50

CORN—SWEET	PAGE 81		
	Pkt.	½ pt.	Lb.
Deep O'Day	.05	.20	.40
Early Minnesota	.05	.20	.40
Golden Bantam	.05	.20	.40
Mammoth White Cory	.05	.20	.40
Howling Mob	.05	.20	.40
Black Mexican	.05	.20	.40
(Any of the above varieties 5 lbs or more by express or freight at 35c per lb.)			
Extra Early Adams	.05		

CRESS	PAGE 82			
	Pkt.	Oz.	¼ lb.	Lb.
Cress or Pepper Grass	.05	.15	.50	1.50
Cress Water	.05	.50	1.50	---

CUCUMBER	PAGE 82			
	Pkt.	Oz.	¼ lb.	Lb.
Cumberland	.05	.20	.55	1.75
Davis Perfect	.05	.20	.55	1.75
Fordhook Famous	.05	.20	.55	1.75
Cool and Crisp	.05	.20	.55	1.75
Early White Spine	.05	.20	.55	1.75
Early Frame or Short Green	.05	.20	.55	1.75
Early Russian	.05	.20	.55	1.75
Improved Long Green	.05	.20	.55	1.75
Everbearing	.05	.20	.55	1.75
Boston Pickling	.05	.20	.55	1.75
Japanese Climbing	.05	.20	.55	1.75
Rollinsons' Telegraph	.25			
Vaughins' Forcing	.25			

EGG PLANT—Improved New York	.05	.75	2.25	7.50
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ENDIVE				
	Pkt.	Oz.	¼ lb.	Lb.
White Curled	.05	.20	.60	2.00
Green Curled	.05	.20	.55	1.75
Broad Leaved Batavian	.05	.20	.60	2.00

GARLIC—Write for prices—stating quantity desired.

HERBS	PAGE 83			
	Pkt.	Oz.	¼ lb.	Lb.
Anise	.05	.30		
Balm	.05	.35		
Basil	.05	.25		
Borage	.05	.30		
Caraway	.05	.35		
Coriander	.05	.35		
Catnip	.05	.60		
Dill	.05	.25		
Fennel	.05	.35		
Horehound	.05	.35		
Lavender	.05	.85		

HERBS	PAGE 83			
	Pkt.	Oz.	¼ lb.	Lb.
Rue	.05	.50		
Sage	.05	.75		
Sweet Marjoram	.05	.35		
Sorrell	.05	.35		
Summer Savory	.05	.40		
Thyme	.05	.85		
Wormwood	.05	.35		

SEEDS FOR MEDICINAL AND OTHER PURPOSES

(Add 5c per lb. if wanted by mail.)

	¼ lb.	lb.	¼ lb.	lb.
Pumpkin	.15	.50		
Water Melon	.15	.50		
Musk Melon	.15	.50		

KALE or BORECOLE	PAGE 83			
	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Curled Scotch	.05	.25	.70	
Tall Green Curled Scotch	.05	.25	.70	

KOHL RABI				
	Pkt.	Oz.	¼ lb.	Lb.
White Vienna	.05	.30	1.00	
Early Purple Vienna	.05	.30	1.00	

LEEK—American Flag	.05	.30	.90	3.00
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LETTUCE—Heading Varieties				
	Pkt.	Oz.	¼ lb.	Lb.
May King	.05	.20	.60	2.00
Iceberg	.05	.15	.40	1.25
Improved Hanson Head	.05	.20	.60	1.75
Prize Head	.05	.20	.60	1.75
California Cream Butter	.05	.15	.40	1.25

LETTUCE—Heading Varieties.	PAGE 84			
	Pkt.	Oz.	¼ lb.	Lb.
Big Boston	.05	.20	.55	1.75
Immensity	.05	.15	.40	1.25
New York Head	.05	.20	.55	1.75
Boston Market or Tennisball W. S.	.05	.15	.40	1.25
Salamander	.05	.15	.40	1.25
Mignonette	.05	.15	.40	1.25
Crisp as Ice	.05	.15	.40	1.25
Passion	.05	.15	.40	1.25
LETTUCE—Loose Leaved Varieties.				
	Pkt.	Oz.	¼ lb.	Lb.
Denver Market	.05	.15	.40	1.25
Grand Rapids	.05	.25	.75	2.50
The Morse	.05	.15	.40	1.25
Early Curled Simpson or Silesia	.05	.15	.40	1.35
Black Seeded Simpson	.05	.20	.60	2.00
Paris White Cos	.05	.15	.40	1.25

MUSKMELON	PAGES 84-85			
	Pkt.	Oz.	¼ lb.	Lb.
Rockyford or Netted Gem	.05	.15	.40	1.25
Extra Early Hackensack	.05	.15	.40	1.25
Gold Lined Rockyford	.10	.25	.60	2.00
Maules' Model	.05	.15	.40	1.25
Jenny Lind	.05	.15	.40	1.25
Extra Early Citron or Early Nutmeg	.05	.15	.40	1.25
Montreal Market	.05	.15	.40	1.25
Emerald Gem	.05	.15	.40	1.25
Burrell's Gem	.05	.15	.45	1.50
Barling's Montana	.10	.20	.50	1.75
Osage or Millers' Cream	.05	.15	.40	1.25
The Grand	.05	.15	.40	1.25
Garden Lemon	.10	.15	.40	1.25

WATERMELON	PAGE 86			
	Pkt.	Oz.	¼ lb.	Lb.
Cole's Early	.05	.10	.30	1.00
Fordhook Early	.05	.10	.30	1.00
Phinney's Early	.05	.10	.30	1.00
Kleckley's Sweet	.05	.10	.30	1.00
Mountain Sweet	.05	.10	.30	.95
Improved Kolb's Gem	.05	.15	.35	1.10
Ice Cream or Peerless	.05	.10	.30	1.00

CITRON				
	Pkt.	Oz.	¼ lb.	Lb.
Red Seeded	.05	.15	.40	1.25
Green Seeded	.05	.15	.40	1.25

MUSTARD	Pkt.	Oz.	1/4 lb.	Lb.
White	.05	.15	.30	1.00
Giant Southern Curled	.05	.15	.30	.90

MUSHROOM SPAWN				
Lambert's Per brick, 25c; Postpaid				.35c
10 bricks by express				\$2.25

OKRA or GUMBO	Pkt.	Oz.	1/4 lb.	Lb.
Dwarf Green	.05	.15	.30	.90
White Velvet	.05	.15	.30	.90

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ONION SETS	lb. PP	Lb.	10 lbs.
White Bottom	.35	.30	2.50
Red Bottom	.30	.25	2.00
Yellow Bottom	.30	.25	2.00
Yellow Multiplier	.30	.25	2.25
Egyptian Winter or Perennial (In Sept.)			

ONION SEED	Pkt.	Oz.	1/4 lb.	Lb.
White Pickling	.05	.50	1.50	5.00
White Portugal or Silver Skin	.05	.50	1.50	5.00
Early White Barletta or White Queen	.05	.50	1.50	5.00
Mammoth Silver King	.05	.55	1.75	6.00
White Welsh	.10	.50	1.50	5.00
Southport White Globe	.05	.50	1.50	5.00

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ONION SEED	Pkt.	Oz.	1/4 lb.	Lb.
Large Red Wethersfield	.05	.30	.90	3.00
Southport Red Globe	.05	.35	1.10	3.50
Extra Early Red Flat	.05	.35	1.10	3.50
Australian Brown	.05	.35	1.10	3.50
Yellow Globe Danvers	.05	.40	1.30	4.25
Yellow Danvers Flat	.05	.35	1.10	3.50
Priestaker	.05	.40	1.20	4.00
Southport Yellow Globe	.05	.40	1.20	4.00

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PARSLEY	Pkt.	Oz.	1/4 lb.	Lb.
Moss Curled	.05	.15	.35	1.35
Extra Double Curled	.05	.15	.35	1.35
Hamburg or Turnip Rooted	.05	.15	.35	1.35

PARSNIP				
Hollow Crown	1/2 pt.	.40c	.05	.20 .60 2.00
Improved Guernsey			.05	.20 .60 2.00
Sweet Marrow			.05	.20 .60 2.00

PEAS	Pkt.	1/2 pt.	Lb.
Alaska	.05	.20	.40
American Wonder	.05	.20	.35

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PEAS				
Little Marvel	.05	.20	.40	
Little Gem	.05	.20	.40	
Not's Excelsior	.05	.20	.35	
Garter's Daisy or Dwarf Telephone	.05	.20	.40	
Gradus	.05	.20	.40	
Yorkshire Hero	.05	.20	.35	
White Marrowfat	.05	.15	.25	

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PEAS				
Roosevelt	.05	.25	.40	
Champion of England	.05	.25	.40	
Telephone	.05	.25	.40	
Mammoth Melting Sugar	.10		.50	
Peas—in lots of 5 lbs. or more deduct 5c per lb.—by express or freight only.				

PEPPERS	Pkt.	Oz.	1/4 lb.	Lb.
Large Bell or Bull Nose	.05	.70	2.25	
Sweet Mountain	.05	.70	2.25	
Cayenne Long Red	.05	.70	2.25	

PUMPKIN	Pkt.	Oz.	1/4 lb.	Lb.
Connecticut Field	.05	.15	.40	1.25
Japanese Pie	.05	.15	.35	1.00

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PUMPKIN	Pkt.	Oz.	1/4 lb.	Lb.
Large Cheese or Kentucky Field	.05	.15	.35	1.00
Tennessee Sweet Potato	.05	.15	.35	1.00
King of the Mammoth or Jumbo	.05	.15	.35	1.00
Early Small Sugar or Pie	.05	.15	.40	1.25

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RADISH	Pkt.	Oz.	1/4 lb.	Lb.
Early Scarlet White Tipped	.05	.20	.55	1.75
Early Scarlet Turnip	.05	.20	.55	1.75
French Breakfast	.05	.15	.45	1.50
Non Plus Ultra	.05	.20	.60	2.00
Early White Turnip	.05	.20	.55	1.75
Grimson Giant Turnip Forcing	.05	.20	.60	2.00
Early Scarlet Globe	.05	.20	.60	2.00

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RADISH	Pkt.	Oz.	1/4 lb.	Lb.
Long White Vienna or Lady Finger	.05	.20	.55	1.75
White Icicle	.05	.20	.60	2.00
White Strasburg	.05	.15	.45	1.50
Long Scarlet Short Top	.05	.15	.45	1.50
Cincinnati Market	.05	.20	.55	1.75
China Rose	.05	.15	.20	1.50
Mammoth White China	.05	.15	.20	1.50
Long Black Spanish	.05	.15	.20	1.50
Round Black Spanish	.05	.15	.20	1.50
Sakurajima	.05	.20	.70	2.50
Nerima or Mikado	.05	.20	.70	2.50

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RHUBARB	Pkt.	Oz.	1/4 lb.	Lb.
Monarch	.05	.15	.45	1.25
Victoria	.05	.15	.45	1.25

SALSIFY or OYSTER PLANT—Sandwich Island				
	.05	.35	1.00	3.50

SPINACH				
Improved Thick Leaved	.05	.15	.50	1.50
Long Standing	.05	.15	.50	1.50
Bloomdale Savoy Leaved	.05	.15	.50	1.50
Prickly Winter	.05	.20	.55	1.75
New Zealand	.05	.30	.60	2.00

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SQUASH	Pkt.	Oz.	1/4 lb.	Lb.
Early White Bush Scallop	.05	.15	.45	1.50
Fordhook	.05	.20	.55	1.75
Early Summer Crookneck	.05	.15	.45	1.50
Vegetable Marrow	.05	.20	.60	2.00
Chicago Warted Hubbard	.05	.25	.70	2.25
Red or Golden Hubbard	.05	.25	.70	2.25
Improved Hubbard	.05	.25	.70	2.25
Banana	.05	.15	.45	1.50
Sibley or Pikes Peak	.05	.20	.55	1.75
Delicious	.05	.15	.45	1.50
Boston Marrow	.05	.15	.40	1.25

SUNFLOWER	lb. PP	Lb.	10 lbs.	100 lbs.
Mammoth Russian	.25	.20	1.80	16.50

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TOMATO	Pkt.	Oz.	1/4 lb.	Lb.
Acme	.05	.40	1.20	4.00
Bonny Best	.05	.40	1.20	4.00
John Baer	.10	.50	1.75	5.00
Earlibell	.05	.50	1.75	5.00
Trucker's Favorite	.05	.40	1.20	4.00
Beauty	.05	.40	1.20	4.00
New Stone	.05	.40	1.20	4.00
Spark's Earliana	.05	.40	1.20	4.00
Golden Queen	.05	.40	1.20	4.00
Dwarf Champion	.05	.40	1.20	4.00
June Pink	.05	.40	1.20	4.00

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TOMATO	Pkt.	Oz.	1/4 lb.	Lb.
Red Pear	.05	.40	1.35	4.50
Red Peach	.05	.40	1.35	4.50
Red Plum	.05	.40	1.35	4.50
Red Currant	.05	.40	1.35	4.50
Red Cherry	.05	.40	1.35	4.50
Winter Cherry or Purple Husk	.05	.40	1.35	4.50
Yellow Cherry	.05	.40	1.35	4.50
Yellow Plum	.05	.40	1.35	4.50
Yellow Peach	.05	.40	1.35	4.50
Yellow Pear	.05	.40	1.35	4.50
Ground Cherry, Strawberry or Yellow Husk	.05	.50	1.75	5.00

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TURNIP	Pkt.	Oz.	$\frac{1}{4}$ lb.	1 lb.
Golden Ball	.05	.20	.70	2.50
White Milan, extra early	.05	.20	.70	2.50
Purple Top Milan, extra early	.05	.20	.70	2.50
Early Snowball	.05	.20	.60	2.00
Purple Top Strap Leaf	.05	.20	.60	2.25
Purple Top White Globe	.05	.30	.85	2.75
White Egg	.05	.20	.70	2.25
RUTABAGA	Pkt.	Oz.	$\frac{1}{4}$ lb.	1 lb.
Bangholm	.05	.25	.75	2.50
Prizewinner	.05	.25	.75	2.50
American Purple Top, $\frac{1}{2}$ pt. 85c	.05	.25	.75	2.50
Large White or Sweet German	.05	.25	.75	2.50
Hurst's Monarch	.05	.25	.75	2.50

FIELD SEEDS.

Prices Subject to Change.

All prices quoted, NOT under PP. (postpaid) are at purchaser's expense, by express or freight.

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ALFALFA	1 lb. PP	1 lb.	5 lbs.	10 lbs.	60 lbs.
Registered Grimm	.75	.70	3.25	6.00	33.00

ALFALFA	lb. PP	Lb.	10 lbs.	100 lbs.
Liscomb, "Peerless"	.45	.40	4.00	29.50
Liscomb, "Placer"	.40	.35	3.50	28.50
Montana, "Peerless"	.40	.35	3.50	27.00
Montana, "Placer"	.40	.35	3.20	24.00
Montana, "Quartz"	.35	.30	2.50	20.00

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CLOVER	lb. PP	Lb.	10 lbs.	100 lbs.
Medium Red	.55	.50	4.80	
Mammoth Red	.55	.50	4.80	
Alsike, "Peerless"	.50	.45	4.50	37.00
Alsike, "Placer"	.50	.45	4.30	36.00
White Dutch	.70	.65	6.00	
Crimson Clover—Write for prices.				

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Sweet White Blossom "Peerless"	.45	.40	3.60	27.00
Sweet White Blossom, "Placer"	.40	.35	3.25	25.00
Sweet White Blossom, "Quartz"	.35	.30	2.75	20.00
Sweet Yellow Blossom, "Peerless"	.45	.40	3.75	27.00

RED TOP

Red Top, "Peerless"	.35	.30	2.40	21.00
Red Top, "Placer"	.32	.27	2.20	19.50

TIMOTHY

	lb. PP	Lb.	10 lbs.	100 lbs.
Timothy, "Peerless"	.30	.23	2.00	15.00
Timothy, "Placer"	.25	.20	1.80	14.00
Alsike and Timothy Mixed	.30	.25	2.10	17.50

BLUE GRASS

Blue Grass, "Peerless"	.40	.35	3.25	
Blue Grass "Placer"	.35	.30	2.90	

SLENDER WHEAT GRASS	.35	.30	2.75	23.00
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ORCHARD GRASS, "Peerless"	.50	.45	4.00	34.50
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BROME GRASS	.45	.40	3.50	
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PERENNIAL RYE GRASS— "Peerless"	.45	.40	3.75	
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SUDAN GRASS—(Mont. grown)	.35	.30	2.60	22.50
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MILLET

White Wonder	.20	.15	1.25	9.75
Golden	.20	.15	1.20	9.25
Siberian	.20	.15	1.20	8.50
Hog, or Broom Corn	.20	.15	1.10	8.00
Japanese	.20	.15	1.25	9.50

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SORGHUM	lb. PP	Lb.	10 lbs.	100 lbs.
Southern Seed	.20	.15	1.10	8.50
Minnesota Amber Cane	.20	.15	1.20	9.50
FETERITA	.20	.15	1.00	9.50

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KAFFIR CORN	lb. PP	Lb.	10 lbs.	100 lbs.
.....	.20	.15	1.20	8.50
LENTILS		.25	.20	2.00

PEAS—FIELD

	lb. PP	Lb.	10 lbs.	100 lbs.
Canada	.20	.15	1.00	8.00
White Marrowfat	.20	.15	1.20	9.00
Alaska	.25	.20	1.50	13.00
Mixed	.45	.40	.80	6.25

VETCH

Spring	.25	.20	1.40	12.00
Winter	.35	.30	2.50	23.50

FLAX

Russian	.20	.15	1.00	8.00
North Dakota 114	.25	.20	1.30	10.00

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SUNFLOWER—Mammoth Rus- sian	lb. PP	Lb.	10 lbs.	100 lbs.
.....	.25	.20	1.80	16.50
RAPE	.30	.25	2.00	16.00
BUCKWHEAT—Silver Hull	.25	.20	1.30	8.75
BIRD SEED	.25	.20	.....	.....

WHEAT

	Bushel	lbs.
Spring Durum or Kubanka	3.00	.....
Marquis	3.00	.....
Soft Spring Club	3.00	.....

OATS

	Bushel	lbs.
Swedish Select	1.36	4.25
National	1.36	4.25
Sixty Day	1.36	4.25
Montana White or Big Four	1.36	4.25

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	lb. PP	1 lb.	10 lbs.	Bu.	100 lbs.
SPELTZ or EMMER	.15	.10	.80	2.00	5.00
RYE—Spring	.15	.10	.80	2.80	5.00
RYE—Fall .....	.....	.....	.....	2.75	4.90

BARLEY

	Bushel	lbs.
White Hulless, 60 lbs. to bushel	3.00	5.00
Two Row, 48 lbs. to bushel .....	.....	.....
Six Row, 48 lbs. to bushel		
Guy Mayle (60 lbs. to bushel)	3.15	5.25
White Smyrna (48 lbs. to bushel)	2.40	5.00

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BURBANK SUPER WHEAT	1 lb. PP	1 lb.
.....	3.10	3.00

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CORN—Field—Bushel 56 lbs.	By Exp. or Frt.
	Bushel
Northwestern Dent	4.50
Early Minnesota White Dent	4.50
Rustler White Dent	4.50
Minnesota #13	4.25
Minnesota #23	4.25
North Dakota White Flint	4.75
Squaw or Rainbow	4.75

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FODDER CORN—Giant—Red, Yellow or White	
Cob	3.25

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SEED POTATOES	25 lbs.	50 lbs.	100 lbs.
Netted Gem	.90	1.50	2.50
Million Dollar	.90	1.50	2.50
Early Ohio	1.00	1.75	2.75
Early Six Weeks	1.00	1.75	2.75
Roman Beauty	1.00	1.75	2.75
Norwegian or Swedish	1.00	1.75	.....

CORN--Sweet or Sugar

1 lb. for 100 hills or 150 to 200 feet of drill. 15 lbs. to acre.

1 lb. is a little more than a pint—2 lbs. a little more than a quart.

Sweet Corn is very sensitive to frost and cannot be planted with safety from frost or from rotting of the seed in the soil, until about the middle of May in Montana. A rich warm good ordinary soil will raise excellent Sweet Corn if it is deeply and thoroughly worked before planting. If planted in rows, make the rows three feet apart and 12 to 16 inches apart in the row; cover one inch deep with fine soil firmly pressed down. If planted in hills, make the hills three feet apart each way, and plant four to six kernels to the hill. Hoe frequently and when six inches high cut off all the suckers so as to leave three or four plants to the hill; do not let the plants overcrowd. Give frequent and thorough but shallow cultivation until the tassels appear. In cooking corn use boiling water, do not cover the vessel and do not cook more than ten minutes. "Use no salt"—A pinch of sugar will add to the natural sweetness.



CORN--Mammoth White Cory.

EARLY VARIETIES.

Peep O' Day—Ten days earlier than any other Sweet Corn. Peep O' Day Corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from 3 to 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the corn is exceedingly sweet and tender.

Mammoth White Cory—Earliest of all Cory corn; one of the most successful varieties of Corn for Montana, and largely grown for the market; large ears, tender and delicious.

Howling Mob—Although an early variety the ears are much larger than any of the other early sorts. The stalks are usually about five feet in height and produce two splendid ears 7 to 9 inches in length to a stalk. The ears are well covered with a heavy husk affording protection against the green worms. The kernels are of good size, white and very sweet.

Extra Early Adams—This is not a true sweet Corn, but is greatly grown for that use, on account of its fine, white and sweet grains. Is greatly grown for roasting purposes, is very hardy and can be planted earlier than most of the early varieties.



GOLDEN BANTAM

A new variety of Sweet Corn which many people consider the richest and sweetest of all Corns. Some of our customers are now planting this corn at regular intervals during the season, so that they may have it for table use continually and prefer it to all other sorts. Ears medium size, thickly set with delicious yellow kernels. Golden Bantam has a flavor distinct from any other sort. A very early variety.

Sweet Corn—Golden Bantam.

SECOND EARLY VARIETIES.

Early Minnesota—A very fine second early strain with large ears, filled with 12 or more rows of handsome white grains of fine quality.

Black Mexican—This variety has for a number of years had the reputation of being the sweetest of all Sweet Corn. When cooked, the ear is white with a bluish tinge towards the base of the kernel. Every year we have a number of inquiries from those who have known this Corn, but who have forgotten its name and remember it only as the "black corn that was so very sweet."

FOR PRICES ON CORN SEE RED INSERT—PAGE 80.

INSECTICIDES—for all purposes—see last pages.

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80

CRESS

Ger.—Karten-Kresse.

Scand.—Karse.

CRESS, OR PEPPER GRASS—This salad is much used with Lettuce to the flavor of which its warm pungent taste makes an agreeable addition.

CRESS—(Water)—Hardy perennial aquatic plant; sow seed along water's edge, preferably near running springs.

CUCUMBER

Ger.—Gurken.

Scand.—Haurk.

(One ounce will plant fifty hills; two lbs., to an acre.)

Cumberland—The best pickling sort yet introduced being very handsome and productive, with flesh firm, but very crisp and tender. Vines sturdy and prolific.

Davis Perfect—The best northern market Cucumber of the extra long white spine type. It is a new variety, and since its introduction has jumped into such prominence that it may rightfully be regarded as the most popular variety of its type today. The Davis Perfect has been most carefully selected by a veteran outdoor and greenhouse grower of Cucumbers for length, slimmness and its dark green color.

Fordhook Famous—A long White Spine variety growing from 10 to 12 inches. Earlier and fully as long as Long Green and of equally good quality.

Cool and Crisp—A fine garden variety, deep green and crisp, and is of the White Spine type, pure white when ripe.

Early White Spine—Earliest of the White Spine varieties. Excellent for table use.

Early Frame or Short Green—A very productive variety having fruits of good length and handsome form. Desirable for producing pickles of medium size. Fine quality when sliced for table.

Early Russian—Bright green, crisp and tender flesh; excellent for table use or pickling.



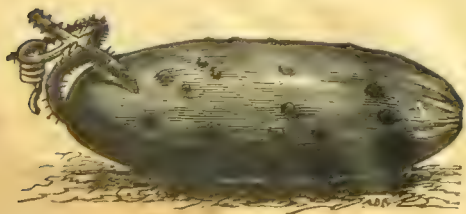
Cucumber—Early White Spine.



Cucumber—Long Green

Improved Long Green—Not quite so early as the above named sorts but admitted to be the best general crop Cucumber for this climate; good color, very prolific, crisp and tender.

Everbearing—Small size, very early and enormously productive and valuable as a green pickler. It continues to flower and produce fruit until killed by frost whether the Cucumbers are picked off or not. Remarkably solid with very few seeds and of fine quality. Invariably of perfect form even when small.



Cucumber—Boston Pickling.

Boston Pickling—Very productive, grown largely for pickles. Fruit medium sized, very smooth bright green.

Japanese Climbing—A strong and vigorous grower, and while all Cucumbers are running or creeping vines, this variety attains nearly twice the length of ordinary sorts and can be grown on trellises, fences or poles. The fruits from ten to twelve inches in length, are of excellent quality either for slicing or pickling.

Rollinson's Telegraph—For forcing. Long green Cucumbers of excellent flavor, very tender and solid. We have grown this variety under glass to a length of 25 inches.

Vaughn's Forcing—For forcing. This is a great favorite with the Chicago and Eastern growers for forcing under glass for the early and winter markets. Of medium size, very prolific, of good color and most excellent quality.



Egg Plant—Improved New York.

EGG PLANT

($\frac{1}{8}$ oz. to 100 feet of row. $\frac{1}{4}$ lb. to acre.)

One oz. will produce 1000 to 1500 plants.

Improved New York—This selection is vastly superior to the old type. The habit of the plant is low and branching, and is quite free from spines.

ENDIVE

1 oz. to 100 feet of row, Four lbs. to acre.

Ger.—Endivren. Scand.—Endive.

White Curled—Leaves pale green; should be used when young.



Endive—Green Curled.

Green Curled—For fall and winter use; also largely used for garnishing; crisp and curly; easily blanched.

Broad Leaved Batavian—A very wide leaved variety, leaves with straight edges, thick and fleshy of a dull green color. Quality excellent.

GARLIC

Ger.—Knoblauch.

SCAND.—Hoidloeg.

(1 lb. to 50 feet of drill. 200 lbs. to acre.)

GARLIC—The Garlic is the most pungent of all the onion family. The root or bulb is composed of many small bulbs called "cloves", which are planted in the spring six to eight inches apart, and in August the tops will die when the bulbs are ready to gather; they do best in light rich soil.



Garlic.

HERBS

Ground Cherry—(See Tomato.)

HERBS—(Sweet, Pot and Medicinal)—The seeds should be sown in spring, in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossoms develop, dried quickly and bottled, or closely packed in dry boxes, with the air entirely excluded. Those prefixed by an * are Perennials.

Anise—Used for flavoring.	Pkt., 5c; oz., 30c
*Balm	Pkt., 5c; oz., 35c
Basil	Pkt., 5c; oz., 25c
Borage	Pkt., 5c; oz., 30c
Caraway—The seeds of this herb are used for flavoring	Pkt., 5c; oz., 35c
Coriander—Seeds used for flavoring	Pkt., 5c; oz., 35c
*Catnip	Pkt., 5c; oz., 60c
Dill	Pkt., 5c; oz., 25c
*Fennel—Boil and use in fish sauce	Pkt., 5c; oz., 35c
*Horehound	Pkt., 5c; oz., 35c
*Lavender—(Lavendula Spica)	Pkt., 5c; oz., 35c

HERBS—(Continued.)

*Rue	.....	Pkt., 5c; oz., 50c
*Sage—A highly aromatic herb; most useful of all	.....	Pkt., 5c; oz., 75c
*Sweet Marjoram—Used as a seasoning.	.....	Pkt., 5c; oz., 25c
*Sorrel—(Large Leaved French.) The variety having the largest leaves and therefore the most desirable	.....	Pkt., 5c; oz., 35c
*Summer Savory—Used as culinary herb.	.....	Pkt., 5c; oz., 40c
*Thyme—Used for seasoning	.....	Pkt., 5c; oz., 85c
*Wormwood—Used and grown for poultry.	.....	Pkt., 5c; oz., 35c

SEEDS FOR MEDICINAL AND OTHER PURPOSES.

Pumpkin	.....	¼ lb., 15c; 1 lb., 50c
Water Melon	.....	¼ lb., 15c; 1 lb., 50c
Musk Melon (For Fancy Work)	.....	¼ lb., 15c; 1 lb., 50c



Kale—Dwarf Curled Scotch.

¼ oz. to 100 feet of row. 2 lbs. to the acre.

KALE or BORECOLE

Ger.—Blattenkohl. Scand.—Groenkaal.
(One ounce will produce about 5,000 plants.)

Dwarf Curled Scotch—The Kales make excellent greens for fall and are improved when slightly frosted. Cultivate same as Cabbage. Beautifully curled, very hardy.

Tall Green Curled Scotch—Always a favorite.

KOKL RABI

¼ oz. to 100 feet of row, 4 lbs. to acre.

Ger.—Kohl Rabi. Scand.—Kaalrabi

White Vienna—Turnip rooted; small, white, very tender and delicious when young.

Early Purple Vienna—An early variety with a bright purple bulb. The leaf and stems being green and tinged with purple.

Kohl Rabi
White Vienna.

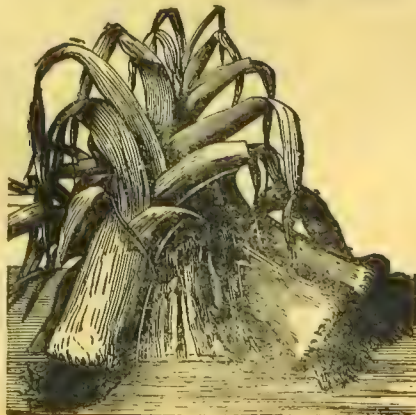
*For Prices on all Vegetable
Seeds---see red insert
page 80*

LEEK

½ oz., to 100 feet of drill, 4 lbs. to acre.

Ger.—Lauch.
Scand.—Purre.

American Flag—A strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Leeks are hardy and flavor is improved by frost.



Leek—American Flag.

LETTUCE

Ger.—Gartensalat.

Scand.—Salat.

¼ oz., to 100 feet of drill, 3 lbs. to the acre.

Lettuce is represented by four distinct classes or types—by the thick-leaved, smooth-edged cabbage heading type; the curly and thin-leaved, tight-heading, crisp type; the curly and thin-leaved bunching or non-heading type, and the Cos or celery type. There are early, medium early and late varieties of each type, as well as those especially adapted for greenhouse, hot-bed, winter, spring, summer and autumn uses. There is so great a difference in localities in regard to the value of Lettuce, that a uniform rule for culture cannot be adopted. For the ordinary house garden it is desirable to use one variety of each type and several plantings should be made to secure a succession. The seed should be planted in rows eighteen inches apart, as early as possible, and the young plants of cabbage varieties should be thinned to four inches apart. Varieties that do not head may be left quite thick and when fairly well grown those thinned out may be used.

FOR PRICES SEE RED INSERT—PAGE 80



Lettuce—May King.

HEADING VARIETIES.

May King—A few years ago it was hardly known in America, now it is found in the gardens of nearly every up-to-date grower. It simply forced its way to the front on the basis of its sterling merits. It grows very quickly even in the cold weather of early spring. The habit of growth is very compact and close; in fact the plant is about all head. Outer leaves light green inner leaves bright yellow and of a fine, rich, buttery flavor. Heads weigh from 12 to 16 ozs., and are so solid that they carry to market in perfect condition.

Iceberg—A large heading variety; crisp and brittle, and color bright green, lightly tinged with brown on top of the head; leaves curled on the edges.

Improved Hanson Head—A large summer heading Lettuce; very crisp and tender and slow to run to seed; is tender at any stage of growth.

Prize Head—White seed, large, loose heading variety of exquisite flavor; leaves curly, tipped reddish brown. A great favorite with all.

California Cream Butter or Royal Summer Cabbage—A very popular variety for autumn and winter use. Forms a very large head, which is very buttery, and of rich golden-yellow inside. The leaves are thick and of bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety.



Lettuce—Big Boston.

Big Boston—The well known and popular hothouse variety of New England. Needs to be quickly grown to be of good flavor. Light green cabbage variety, slightly tinged with brown on the head. Forms a compact buttery head.

Immensity—The largest variety of Head Lettuce known to the trade. The size of the heads which have been grown of this variety are beyond belief until actually seen and grown, and its quality is most excellent in every respect.

New York Head—This Lettuce originating near New York is a sure header, very tight and solid. It is the variety so extensively grown for the California markets under the name of the Los Angeles or Wonderful, and in some sections under the name Neapolitan Cabbage Lettuce.



Lettuce—Boston Market or Tennisball, W. S.

Boston Market or Tennisball W. S.—Smooth-leaved heading variety for late summer use or will stand forcing very well. Its solid, compact habit and good flavor are much sought for.

Salamander—The most popular variety for withstanding the hot weather, and forming a close sure head; very solid, of medium size, and excellent quality.

Mignonette—Of splendid quality, rather small but very solid, compact heads. Slightly curled edges of leaves tinted with brown. A valuable variety.

Crisp as Ice—Very solid large heads, with a rich creamy heart. Very tender and crisp.

Passion—A great California favorite, very solid heads. A splendid shipper.

Denver Market—A handsome variety, forming very tight conical heads. Even the outside leaves remain crisp and tender.

LOOSE LEAVED VARIETIES

FOR PRICES SEE RED INSERT—PAGE 80



Extra Select Grand Rapids Forcing

Grand Rapids—A popular variety for greenhouse planting and will make a quick growth under adverse conditions. Its upright habit permits close planting.

The Morse—A large loose-bunching or non-heading variety. Invaluable for forcing. Very crisp and of fine flavor. In color it is a light green and very attractive.

Early Curled Simpson or Silecia—Forms a compact bunch of yellowish green leaves; rapid grower, desirable for forcing.

Black Seeded Simpson—A splendid variety either for forcing or outdoor cultivation. Large loose heads of light green color very crisp and tender.

ROMAINE, COS, OR CELERY LETTUCE.



Lettuce—Paris White Cos.

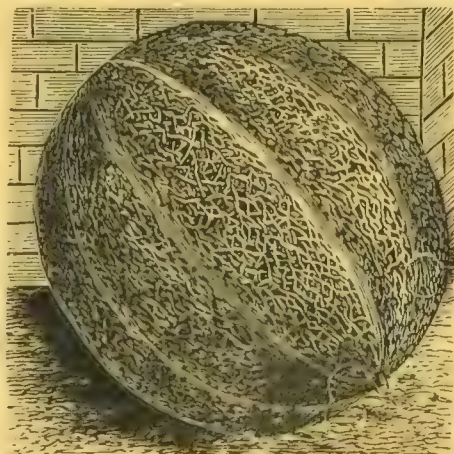
Paris White Cos—Distinct variety of upright growth; leaves should be tied together near top when they soon become crisp and delicious as celery stalks, and eaten in the same manner.

MUSKMELONS

One ounce will plant about 50 hills, 2 to 3 lbs. in hills per acre.

Culture—A rich, deep sandy loam, well worked and highly manured with old rotten compost is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill, and after they are out of danger from bugs thin to 3 or 4 plants. When they have 4 or 5 rough leaves pinch off the end of the main shoot, which will cause the lateral branches to put forth fruit sooner.

GREEN FLESHED VARIETIES

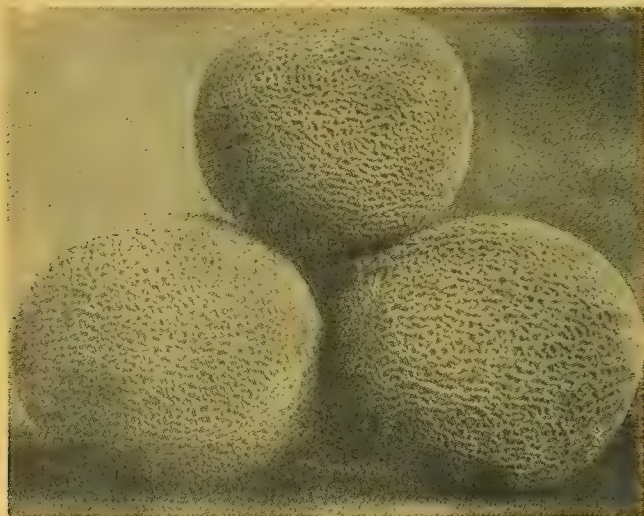


Muskmelon—Rocky Ford or Netted Gem

MUSKMELONS—(Continued.)

Rocky Ford or Netted Gem—Is a valuable introduction, and has attained in an incredibly short time a national reputation. It is of the Emerald Gem type, oval in shape, averaging from four and one-half to five inches in length, of a delicious flavor; very fine and smooth grained flesh of a light green color throughout when ripe.

Extra Early Hackensack—Very popular variety; one that matures early and of good quality.



Muskmelon—Gold Lined Rockyford.

Gold Lined Rockyford—This new variety is one of the largest of the Rockyford type, and the seed we offer is extra choice, selected from seed originally direct from the originator. It is very prolific, of uniform size, very thick flesh, of a rich golden yellow next to the seed cavity, fruit very thickly netted. Very fine in every respect.



Maule's Model—(Montana Grown Seed)—A paragon of merit—in size, shape, netting, appearance, aroma, flavor, depth of flesh, smallness of seed cavity, cropping ability and shipping quality. It leaves nothing to be desired.

Jenny Lind—This is the earliest of the green fleshed sorts and one of the sweetest. It is round or flattened. In size it is small, being from three to five inches in diameter—a very convenient size for serving in halves. It is more largely grown in the great melon producing state of New Jersey than any other sort, and is used in enormous quantities in the eastern cities and at the seashore resorts.

Extra Early Citron or Early Nutmeg—For early general use this variety is unsurpassed; uniform in size, thick fleshed, delicious flavor.

Montreal Market—A very large fruited variety, slightly oval, and heavily netted.

ORANGE OR YELLOW FLESHED VARIETIES.

Emerald Gem—This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, very sweet and highly flavored.

PINK OR SALMON FLESHED VARIETIES.

Burrell's Gem—A medium sized oval deeply netted and having salmon or red flesh. It is larger than Rocky Ford and of an entirely distinct flavor. There is a growing demand for the fine grained smooth, salmon-red fleshed Muskmelons and Burrell's Gem seems to be one of the best in cultivation.



Barling's Montana—Ideal in size for family use, oval shape, flesh salmon-pink; thick fleshed, with small seed cavity; originated in Montana and matures with the earliest.

Osage or Miller's Cream—Medium sized fruit, oval shape, with shallow netting. Flesh very thick and very small seed cavity. Exceptionally fine flavor.



The Grand—Has a vigorous vine and because of its vigorous growth is a great yielder. The fruit is round or slightly elongated, slightly ribbed. Color a peculiar pea green with nettings lighter, ribbed. The flesh is firm, fine grained of a rich salmon or red color. In flavor it even surpasses the best grown Osage or Emerald Gem. The flesh extends to the rind and retains its color and quality quite to the outer shell, which, though thin, is very hard and firm and because of this bears shipment remarkably well. The flesh is very thick, considering the size of the melon, leaving a small seed cavity.

Garden Lemon—Fruits short nearly round with yellow and green markings; skin smooth, flesh very tender and of sweet flavor. Best when turning yellow. Makes good preserves.

FOR PRICES SEE RED INSERT—PAGE 80

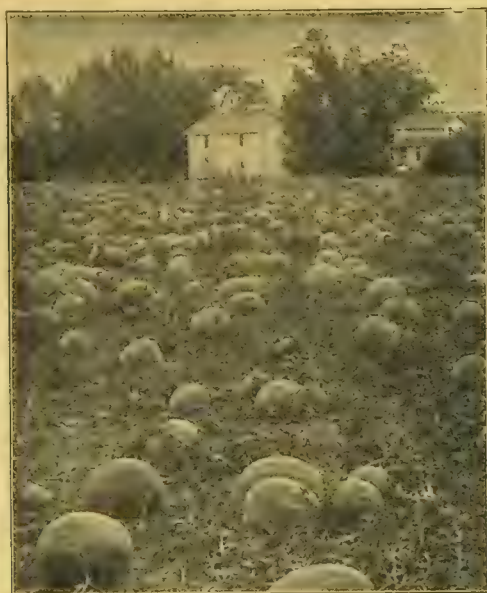
WATER MELONS

Ger.—Wassermelone.

Scand.—Vandmelon.

The hills should be dug about 2 feet square 18 inches deep, and half filled with well-rotted manure which must be thoroughly incorporated with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three, and pinch the ends of the growing shoots to induce early fruiting. While the watermelon is, generally speaking, a southern product, yet the cultivation of same is not confined to the south. Some of the sweetest and best melons we have seen were produced in the latitude of 45 degrees north; consequently, while the watermelon is a tropical fruit, yet our northern friends can grow them successfully.

One oz. for 30 hills 4 to 5 lbs. to an acre.



Watermelon—Cole's Early.

Cole's Early—This is a fine variety for the family and market and is particularly adapted, on account of its earliness, to northern latitudes. For early marketing there is no superior. The bright red flesh is cool, crisp and sweet. The melons are of medium size and produced in generous numbers. The heart is surprisingly large in proportion to size of melon.



Watermelon—Fordhook Early.

Fordhook Early—One of the largest varieties and claimed to be the earliest of all. Shape nearly round. Color a medium shade of green. Flesh bright red and of deliciously sweet flavor. The rind is sufficiently hard to make it a good shipper.

Phinney's Early—One of the best sorts for private gardeners who deliver direct to customers. Vines moderately vigorous, hardy and productive; fruit medium sized, oval, bright green, finely mottled; rind thin, flesh bright scarlet, solid, crisp and tender.

Kleckley's Sweet—The best quality of all watermelons. Large oblong melon 20 inches in length by 10 to 12 inches in diameter. The skin is dark green, flesh bright scarlet, the rind only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. The melon is better for home use than for shipping, and we believe it is the best table melon today.

Mountain Sweet—Very early, medium size, smooth skin with mottled and dark green stripes. Flesh light red, deliciously sweet.

Improved Kolb's Gem—The standard shipping watermelon. Shape oblong, nearly round, striped and mottled, dark green. The melons grow very large and the tough thin rind, permits considerable handling and shipping. Our improved strain is a week earlier than the ordinary Kolb's Gem, grows larger and is a heavier yielder.



Ice Cream or Peerless.

Ice Cream or Peerless—A popular home-market variety, with dark green, mottled skin. Flesh deep pink.

CITRON---For Preserves



Citron—For Preserves

CITRON—Red Seed—Fruit round and smooth. Is not eaten raw, but is useful for making a very clear, transparent preserve of peculiarly fine flavor. Flesh, white and solid.

CITRON—Green Seed—Same as above with green seeds.

MUSTARD

¼ oz. to 100 feet of row. Two to three lbs. to the acre.

White—The green leaves are used as a salad when a few inches high. If sown in a warm place or in a hotbed will be ready to cut in a few days; sow frequently for a succession of crops.

Giant Southern Curled—Large variety, forming great mass of beautiful leaves, ruffled and finely curled on edges; used for salads. Hardy, vigorous and highly recommended.

FOR PRICES SEE RED INSERT—PAGE 80

MUSHROOMS



Practically no capital is required in the mushroom business, and the profits are most satisfactory. All that is required to grow mushrooms is almost any building or cellar, some manure, loam, and last and above all, good spawn. Our Pure Culture Mushroom Spawn is full of vigor, the kind used by the best commercial growers of the United States.

Pamphlet—"How to Grow Mushrooms," free for asking.

MUSHROOM SPAWN—(Lambert's Pure Culture)—Per Brick, (Postpaid), 35c; by Express or Freight at Purchaser's expense. Brick, 25c; 10 Bricks.....\$2.25

OKRA, OR GUMBO

One oz. to 100 feet of drill. 8 lbs. to the acre.

The long, tender pods of Okra are very delicious when sliced and cooked in soups. While this is the chief use, it is also boiled and served like other vegetables. The dwarf sorts may be planted in hills or in rows about three feet apart. Plant in any good soil about May 15. The pods should be gathered when very young, as they are then very tender.

Dwarf Green—An early dwarf prolific variety with thick, green pods.

White Velvet—Very tender pods, long, smooth and white.

ONION SETS

One lb. to 75 feet of Drill, 300 lbs. to the acre

The Importance of Using Northern Grown Onion Sets



The planting of Onion Sets is increasing rapidly year after year. The Bottom Onion Sets produce onions ready for market six weeks earlier than can be had by sowing the seed. This enables the grower to sell his entire crop earlier in the season, at which time the prices usually are higher. It also permits the sowing of another crop on the land the same year. Bottom Sets also produce good green onions on most any soil in half the time it takes to raise them from seeds.

These are simply onions grown from seed planted late and thick. They are about as big as the end of your finger and when set out in spring they come quick and make nice green onions for bunching, or if left stand will bottom down and make big onions as from seed but

much earlier. We can furnish them in the yellow, red or white. Yellow are generally the best as they are not so liable to run to seed. Multiplier sets are also good.

Sizes of Onion Sets.

It is very important that you get onion sets of the right size. If just a little to large they will run to seed right away instead of making a good onion. The rule is to sell every set below 1½ inches in diameter, but in that case there is sure to be some too large that will go to seed. Therefore we use none above ¾ inch.

White Bottom—These are small, solid and of a beautiful silvery white; a favorite sort in private and market gardens.

Red Bottom—Bright deep red in color, even and dry. A popular variety.

Yellow Bottom—

Yellow Multiplier—Often preferred on account of their earliness. Late in June they are fully ripe, and can be gathered. Very productive, 5 to 15 bulbs growing from one set out.



Grown From Egyptian Winter Sets.

Egyptian Winter—or Perennial—These sets should be planted in the fall, being hardy everywhere. They never form large bulbs but produce small green onions weeks before any other sort. They are unsurpassed in sweetness and tenderness. The sets are produced on the top of the stalks. Can be supplied only in September and October.

FOR PRICES SEE RED INSERT—PAGE 80

If unable to find what you want refer to the index.

ONION SEED

Ger.—Zwiebel.

Scand.—Roedloec.

(One ounce for 200 feet of drill; 4 or 5 pounds in drills per acre.)

The best onions are grown on low, sandy, or mucky lands, with natural moisture and plenty of it.

Sow the seed in March in hotbeds or in shallow boxes in the house, transplanting to the open ground in May or as soon as the ground is warm and in good condition. Follow this method for an early and successful crop.

The crop must be kept free from weeds, and it is usually necessary to weed out in the row by hand once or twice. Hoeing between the rows may be done oftener. It is not necessary to thin the plants in the row, since some thinning is naturally done during the hand weeding.

Steady, even growth is necessary to good onions and a check in growth, whether from disease or drought causes them to run to seed badly.

Different markets and localities prefer different onions. Globe onions are generally most popular and yield better than the other sorts. Flat onions are earliest and the large sized kinds have the best flavor. All seed is tested as to vitality.

WHITE VARIETIES.



Onion—Silver King.

White Pickling—For early bunching, pickling, etc. Small, hard, round; keeps well; does not turn green when exposed to sun.

White Portugal or Silver Skin—The best known and most largely used white onion. Is flat on the bottom and thick toward the top, very hard and firm and an excellent keeper.



Onion—White Pickling.

Early White Barletta or White Queen—An exceedingly early variety growing about 1½ inches in diameter, and ¾ of an inch thick. A most excellent sort for bunching and pickling.

Mammoth Silver King—An early large white, flat variety. Is not a keeping sort nor a good shipping variety, but is valuable for home use and nearby markets. Very mild and fine flavor.

White Welsh—Distinctly a bunch onion, and ready for pulling for this purpose very early. Very mild and delicate flavor.

Southport White Globe—A very desirable variety which yields an abundant crop of fine large onions. Pure white color, mild flavor and equally good for keeping as the Yellow Globe. It is an enormous yielder and always sells at high prices. It is best to dry these onions in a shady place and give plenty of air.

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80

ONIONS—(Continued.)

FOR PRICES SEE RED INSERT—PAGE 80



Onion—White Portugal.



Onion—Yellow Globe Danvers.

RED VARIETIES.

Large Red Wethersfield—This strain of the Red Wethersfield has been especially selected for its fine color. It is the darkest red onion in existence and where a market demands a dark red onion, it has no superior. Inclined to run a small percentage of thick necks on moist, strong soils. The very best for dry, rather poor places.

Southport Red Globe—Large globe-shaped, purplish-red variety, and an excellent keeper.

Extra Early Red Flat—The first to ripen and one of the handsomest of the red sorts. A medium sized flat variety, an abundant producer and very uniform in shape and size.

BROWN SKINNED.

Australian Brown—An early and very hardy variety which does especially well in Montana. Should be planted early, on low, wet ground to get large bulbs. The skin is thick and the color is a rich brown. Is especially noted as a long keeper, as it keeps well into the spring, and much longer than other varieties.



Onion—Large Red Wethersfield.



Onion—Australian Brown Globe.

YELLOW VARIETIES.

Yellow Globe Danvers—This onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large, with thin necks, ripening down well. The skin is a fine brown orange yellow, while the flesh is pure white, solid and of good quality. Its keeping qualities are of the best. This strain is so nearly globe shaped that it passes for a globe, and its earliness makes it valuable for market. Our seed is the very best selection that care can make it.

Yellow Danvers Flat—An early productive variety. The onions are of medium size, skin coppery yellow, flesh solid, white and mild flavored. Our strain is remarkable for its freeness from thick necks and is especially adapted to the growing of Yellow Bottom Onion Sets. A very fine sort for most locations.

Prizetaker—Largest Yellow Globe Onion. Excellent keeper of finest flavor, handsome shape and enormous size, many single onions have been raised to weigh five pounds and over from seeds the last year. It is of the same type as those immense imported onions which can be seen in stores and always command a very high price.

Southport Yellow Globe—A mild flavored yellow globe variety, very large, hardy and a splendid keeper.

Whitlash, Mont., May 27, 1915.
State Nursery & Seed Co.,
Helena, Mont.

Gentlemen:—Please find enclosed another order. The celery plants I received from you are the finest I ever saw, and they are all growing too.

Mrs. Murray Johnson.

We guarantee safe delivery of your seed order by Parcel Post if insured. See seed order blank—and add insurance fee. 5c will insure package to value of \$25.00.

PARSLEY

Ger.—Petersilie.

Scand.—Persille.

(One oz. for 150 feet of drill.)

**Parsley—Moss Curled**

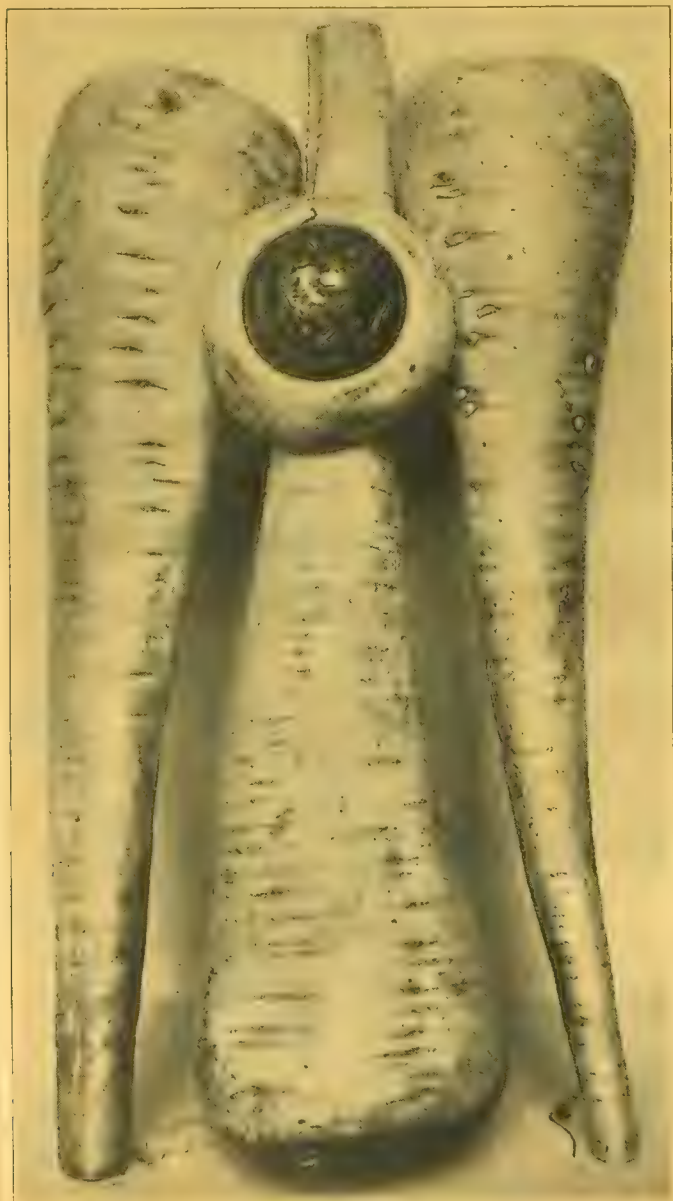
when well grown; it is hardy and slow to run to seed; every gardener's favorite.

Extra Double Curled—In shape of leaf, color and taste this new variety is perfect. It stands heat, drought and cold better and will yield better than any other of the numerous varieties of Parsley we have ever had.

Hamburg or Turnip Rooted—Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. The roots are stored like Carrots for winter use.

Parsley succeeds best in rich mellow soil. As the seed germinates very slowly, it should be sown quite early in the spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use protect in a frame or light cellar or a few plants may be placed in pots or boxes and kept in the house.

Moss Curled—There is no more attractive variety than this

**Parsnip—Hollow Crown.****PARSNIPS**

Ger.—Pastinake.

Scand.—Pastinak.

(One ounce of 200 feet of drill, 5 to 6 lbs. in drills per acre.)

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep. It is usual to take up in the fall a certain quantity for winter use leaving the rest in the ground till spring, to be dug up as required.

Hollow Crown—Finest variety of Parsnips known; the roots run of uniform size and are smooth. They make an excellent change from ordinary winter vegetables.

Improved Guernsey—For those who like an early Parsnip this variety will be found very useful; not as large as the longer varieties.

Sweet Marrow—A new Parsnip from Europe of especial merit. A fine grained, sweet table variety.

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80

Inoculate this Seed with **FARMOGERM.**

PEAS**Peas—Gradus or Prosperity.**

Ger.—Erbсен.

Scand.—Dan-Nor.

(1 lb. to 100 feet of drill; 80 to 100 lbs. to the acre.)

1 lb. is a little more than 1 pint. 2 lbs. is a little more than 1 quart.

Peas are quite hardy, and for early crop sow as soon as the ground can be worked. Then sow in succession every two weeks until the first of August. They require moderately rich soil but not excessively rich or wet, or they will run too much to vine and will not bear heavily. The dwarf varieties can be planted in rows 12 to 18 inches apart, and the tall varieties 3 ft. apart. The tall varieties should be staked up by brush or tied up. By using the various classes of peas and making several sowings of each, good peas can be had for a long season. The pods should be kept picked, the plants will then continue to bear longer. For late sowing, use the Early Dwarf varieties.

EXTRA EARLY ROUND SEEDED VARIETIES.

Alaska or Earliest of All—The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners. Very uniform in ripening and an excellent yielder.

EXTRA EARLY DWARF WRINKLED VARIETIES.

American Wonder—In the dwarf compact growing extra earlies the American Wonder leads all others, can be grown in rows 18 inches to two feet apart. They are quite prolific; the crop can be gathered in 2 or 3 pickings and the soil cleared for succeeding crops.

**Peas—American Wonder**

PEAS—EXTRA EARLY WRINKLED—(Continued.)



Peas—Little Marvel.

Little Marvel—A new dwarf, first early Pea of unusual value. Height of vine 18 inches, with dark green foliage. Small blunt, dark green pods. Fit for table use in about 53 days. Valuable for family or market gardener's use.



Peas—Little Gem.

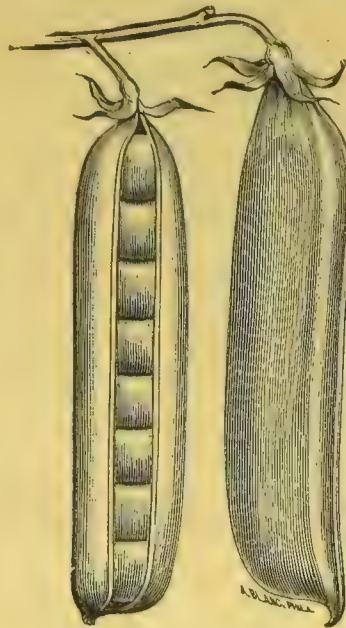
Little Gem—The best and most popular dwarf, wrinkled variety, especially with market gardeners. Grows about 15 inches high and bears good-sized pods, which are filled with 6 to 8 peas of especially fine, sweet flavor.

Notts Excelsior—Resembles the Gem in habit, but more dwarf and uniform in growth. Height from 12 to 17 inches. Pods are light in color, round, about 2½ inches long. Fit for pickling 56 days from planting.

EARLY WRINKLED VARIETIES.

Carter's Daisy—Early Dwarf Telephone—Dwarf, large podded; needs no brush. The striking features of the Daisy pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and being strong and thrifty, require no support, making it an ideal variety for use where brush or stakes are not available. This pea is desirable on account of the fine appearance of the pods, and always finds a ready sale.

Gradus—The most popular high quality, extra early, wrinkled pea. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small round, extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color, measuring 4 inches with luscious peas, 8 to 10 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A grand pea in all respects.

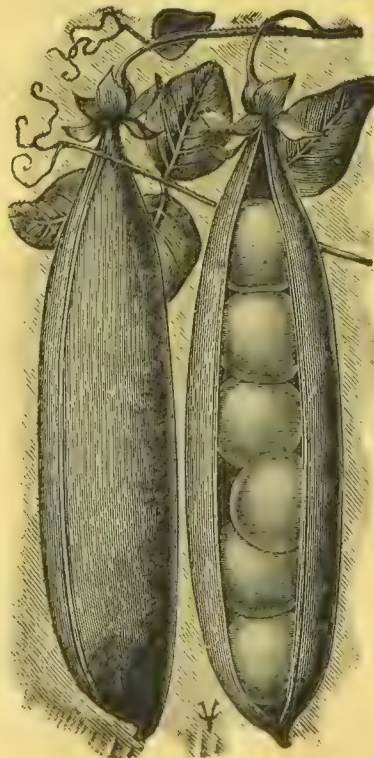


Peas—Yorkshire Hero.

MAIN CROP VARIETIES.

Yorkshire Hero—Hardy, productive and upright in growth, bearing near the top of the stalk broad, pointed pods with peas of good quality, foliage dark green, 23 to 28 inches in height. Pods 2½ to 3 inches long, blunt, light green in color. Fit from 67 to 73 days from planting. Seed large green wrinkled.

White Marrowfat—Large peas of good flavor; grown as a field crop, they are very profitable feed for stock or hog feed; our stock is the true smooth seeded Marrowfat.

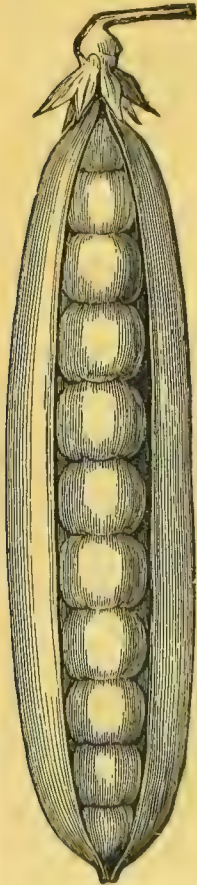


Peas—Alaska.



Peas—Roosevelt.

Roosevelt—This splendid pea is of the same large podded type as the Telephone but the pods are larger and the peas sweeter. The Roosevelt Pea surpasses all other large-podded varieties in another particular, that of productiveness. In other words, a pint of Roosevelt pea pods will yield as many shelled as a quart of most other sorts. Quality is always to be preferred to quantity, but a pea which will give better quality and larger quantity is the pea to plant; that pea is the Roosevelt.



Peas—Telephone.

Champion of England—Medium late variety and one of the most popular of the tall, wrinkled sorts. Prolific, hardy and of fine quality.

Telephone—Selected stock. This fine pea has proved a valuable acquisition; vines vigorous, growing about four feet high and producing an abundance of large pods filled with immense peas, which are tender, sweet and of excellent flavor. It has sterling merit, which gardeners appreciate.

*For Prices on All Vegetable Seeds
—See Red Insert—Page 80*

PEPPERS

Ger.—Pfeffer. Scand.—Spankspebr.
One ounce will produce 1000 to 1500 plants.

Large Bell or Bull Nose—Pkt., 5c; oz., 70c;
¼ lb.,\$2.25
Early, large and mild, favorite sort for this locality.

Sweet Mountain — Pkt., 5c; oz., 70c;
¼ lb.,\$2.25
Fine flavor, very large, bright color.

Cayenne Long Red—Pkt., 5c; oz., 70c;
¼ lb.,\$2.25
The true Cayenne, hot and pungent.



Pepper—Large Bell or Bull Nose.

PUMPKINS

Ger.—Melonen-Kuabis.

Scand.—Graeskar.

(One ounce for 25 hills—three lbs. to the acre.)

Culture—The common practice is to drop two or three seeds in every third or fourth hill in the cornfield, but if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill.



Pumpkin—Connecticut Field.

Connecticut Field—Standard variety for field culture and stock feeding, large, hardy and productive.

Japanese Pie—An early crookneck variety. The seeds are marked very curiously. Flesh deep yellow of fine quality. Keeps well.

We guarantee safe delivery of seed orders when insured. Five cents additional with your order insures a package to value of \$25.00.

PUMPKINS—(Continued.)

Large Cheese or Kentucky Field—The well known, ordinary pumpkin, largely used for stock feeding. The fruit is variously colored in yellow, drab, red and orange, and varies also in size, but is usually very large. Is a heavy cropper and very easily grown.

Tennessee Sweet Potato—The best variety for home gardens.

King of the Mammoths or Jumbo—The largest of all the Pumpkins.

Early Small Sugar or Pie—A medium or small sized Pumpkin, very productive, and very sweet. One of the best for home use.

RADISH

Ger.—Radies.

Scand.—Reddik.

One ounce will sow 100 feet of drill, 8 to 10 lbs. to the acre.

Being a root crop, good brittle Radishes require light, well worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly, they become tough and pithy. They are easy to grow and frequent planting will insure a constant supply for the table. Thin the very young plants somewhat to prevent crowding. Summer varieties can be sown all spring and well into summer. Winter varieties, however, require some time to mature; the seed of these should be planted in June or July.

EARLY ROUND VARIETIES.



Radish—Early Scarlet Turnip White Tipped.

Early Scarlet Turnip White Tipped—A splendid early Radish, very attractive appearance; its white tip and deep scarlet are always pleasing to the eye. Very tender and of good flavor.

Early Scarlet Turnip—A well-known favorite Radish for early home and market use. Matures quickly, crisp and of good flavor.

FOR PRICES SEE RED INSERT—PAGE 80



Radish—French Breakfast.

French Breakfast—Medium size, olive-shaped Radish, small top, scarlet except at the tip, which is white; a splendid table variety good for either forcing or outdoor culture. Ready for use in 20 days.

Non Plus Ultra—The roots are small, round and deep rich scarlet in color. They make a very quick growth, and are ready for use in from 20 to 30 days after sowing of seed. The flesh is white, crisp and tender, and of remarkably fine quality. The seed we offer is of the very finest strain.

Early White Turnip—A very quick-growing, small turnip-shaped variety. Color, clear white; very mild flavor.

Crimson Giant Turnip Forcing—A variety extraordinary in that, while growing to an unusually large size, is always tender and of mild flavor. It remains in perfect condition a remarkably long time and unlike other forcing varieties, does not become pithy even when twice their size in diameter.



Radish—Early Scarlet Globe.

Early Scarlet Globe—One of the earliest; flavor mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy.

We guarantee safe delivery of seed orders by Parcel Post if Insured. Five cents additional with your order will insure a package to value of \$25.00.

RADISH—(Continued.)

LONG VARIETIES.

Grow larger than early varieties and remain in good condition longer.

Long White Vienna or Lady Finger—A delicate, fine grained Radish and very desirable summer sort, white, smooth, tapering.

White Icicle—The roots of this Radish grow about six inches long, are of transparent whiteness with short leaves, and make their growth very quickly. It is of excellent flavor and equally valuable for home use and market gardeners.



Radish—Icicle.

White Strasburg—In our opinion there is no better Radish grown; the roots are white and grow to a large size, four to five inches thick; for sweetness, tenderness and flavor it is unequalled by any other Radish for summer use.



Radish—White Strasburg.

Long Scarlet Short Top—This bright scarlet short topped sort is about 5 inches long, growing half out of the ground; is uniformly straight and smooth, crisp and brittle; an excellent variety for private gardens or market.

Cincinnati Market—An early variety splendid for forcing or open ground. The tops are small and they stand close in the row. Straight and smooth—clear bright red in color—flesh very

FOR PRICES SEE RED INSERT—PAGE 80

WINTER VARIETIES.

Do not sow until the latter part of June.

China Rose—One of the best fall and winter varieties, firm, white flesh.

Mammoth White China or Celestial—Fresh solid and brittle; pure white; flavor mild or slightly pungent. A splendid keeper for use in winter; very showy.

Long Black Spanish—The latest and hardest of all the winter Radishes; roots black, long, large and good keeper. pull before severe frost and store in damp sand in root house.

Round Black Spanish—A round form of above.

Sakurajima—This is a mammoth variety, and is said to be the largest variety that is obtainable in Japan. Very tender and round.

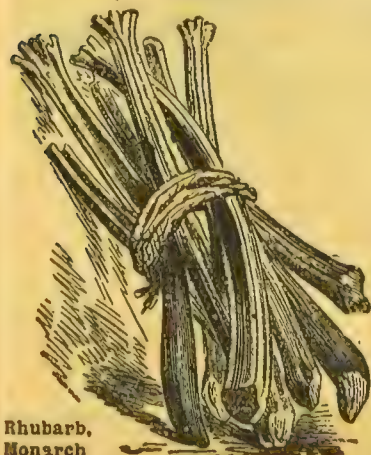
Nerima or Mikado—A wonderful product of the Orient, with snow-white flesh very tender and under good conditions growing from two to three feet in length.

RHUBARB

Ger.—Rhababer.

Scand.—Rhababer.

(One ounce to 125 feet of drill, 1 lb. to acre.)



Rhubarb,
Monarch

Monarch—Pkt., 5c; oz., 15c;

¼ lb., 45c; lb. \$1.25

Largest and most productive variety known. Will grow 15 to 20 inches long and fully 1½ inches broad. Sow Rhubarb seed in drills one inch deep and thin out to six inches apart; transplant in the fall to deep, manured soil to six feet apart each way.

Victoria—Pkt., 5c; oz., 15c;

¼ lb., 45c; lb. \$1.25

Very large, highly colored and of good flavor.

SALSIFY OR OYSTER PLANT

Ger.—Hafer-Wurzel.

Scand.—Havrerod.

(One ounce will sow 100 feet of drill, 8 pounds to the acre.)

Culture—Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 4 or 5 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring, but should be dug before commencing their growth.

Mammoth Sandwich Island—We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market gardeners.



Sandwich
Island
Salsify.

SPINACH

Ger.—Spinat.

Scand.—Spinat.

(One ounce for 100 feet of drill; 10 to 12 pounds in drills for one acre.)

The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frosts; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.



Spinach—Improved Thick Leaved.

Improved Thick Leaved—This variety grows very quickly, forming a cluster of slightly wrinkled leaves of fine color and quality. Especially recommended for market gardeners. Sow in rich ground—the richer the better. If for early spring use sow in the fall and protect the young plants with a covering of light manure or straw.

Long Standing—The best variety for family use, as it remains in good condition longer without running to seed than the round leaved sorts. Thick, well flavored leaves.

Bloomdale Savoy Leaved—One of the best of the savoy leaved type, with thick heavily curled leaves. Very succulent and tender.

Prickly Winter—One of the hardest varieties with medium sized leaves. Very tender.

New Zealand—The stems and leaves of this variety are soft, thick, fleshy and crystalline in appearance. Started early in the spring, the plants will resist heat and make strong growth during the summer.

SQUASH

Ger.—Kurbiss.

Scand.—Squash-Graeskar.

(One ounce to 25 hills; 3 to 4 lbs. to the acre.)

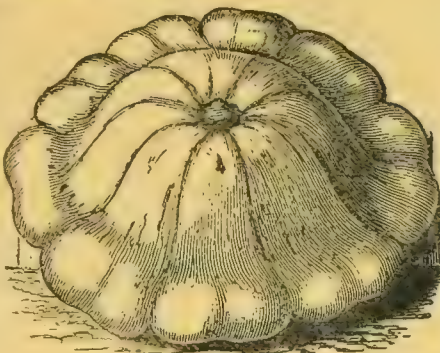
There are two distinct types. The Summer is cultivated for the tender young fruits which are used in the green or growing stage during the summer months. The Winter Squashes produce larger hard-shell fruits, which are gathered in the fall before there is danger of their being injured by frost, and stored in a warm, dry place for winter use. A few of the varieties, notably Fordhook, may be used in either state.

SUMMER VARIETIES.

Early White Bush Scallop—The fruit is a beautifully waxy white of superior quality; the best early Squash.

Fordhook—Flesh dry and sweet, of excellent quality; matures and has the advantage of being usable at any stage of its growth.

Early Summer Crook-neck—A very early medium-sized Crook-neck Squash of uniform size and shape. Color bright yellow, shell very hard when mature. A standard variety.



Squash—White Bush Scallop



Vegetable Marrow.

Vegetable Marrow or Italian Cocozelle—A favorite English sort. The fruit is very variable in size, from 9 to 19 inches in length and from 4 to 6 inches in diameter. Skin a greenish yellow, flesh white, soft and of rich flavor. This is entirely distinct from all other varieties of squash. Plant 8 feet apart.

WINTER VARIETIES.

Chicago Warty Hubbard—It is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality.



Squash—Warty Hubbard.

FOR PRICES SEE RED INSERT—PAGE 80

SQUASH—WINTER VARIETIES—(Continued.)

Red or Golden Hubbard—This is identical in size, form and fruitfulness with the Chicago Warty Hubbard, the chief distinction being that the heavily warted skin is of a rich orange yellow, turning to a deep salmon red when ripened. It is of most attractive appearance, fine in quality, and should be one of the most profitable market sorts.



Squash—Improved Hubbard.

Improved Hubbard—This old and popular favorite is still one of the very best winter Squashes grown; always richly flavored. The vines are luxuriant growers and very productive, yielding large squashes of dark bluish green color, weighing often 10 to 25 pounds each. Properly stored, it may be kept from September to May.

Banana—This is an old variety, but on account of producing but few seeds has become scarce. In shape like a huge banana, generally over two feet long, with a tough but not hard shell, very meaty, of delicious flavor and one of the best winter keepers.

Sibley or Pike's Peak—An excellent winter squash, similar in shape to the Hubbard. Very fine grained flesh, and a splendid keeper.

Delicious—This variety in dryness, sweetness and richness of flavor is of the first rank. The shell is green in color, the flesh of a rich orange. An excellent winter keeper.

Boston Marrow—A fall or early winter variety, very popular; oval, skin thin, flesh salmon yellow, fine grained; when ripe, bright orange color; matures in this locality the end of August.

SUNFLOWER

Mammoth Russian—(For prices see red insert, page 80.)

For description see Field Seeds.

SWISS CHARD (See Page 77)

Garnett, Mont., June 5, 1918.

State Nursery & Seed Co., Helena, Mont.

Gentlemen:—I wish to let you know that I am very well pleased with the Strawberry plants that I received some time ago, as they are all growing, also the rest of the plants are growing fine. I am enclosing another order for plants.

Mrs. L. A. Luther.

TOMATO

Ger.—Liebesapfel.

Scand.—Tomat.

(One ounce will produce 3000 to 4000 plants.)

Acme—An old variety of delicious flavor, very solid, of a pinkish color.

Bonny Best—Early Tomato. It has been tested and found ten days earlier than the Chalk's Early Jewel and ripens with the Earliana. Strong grower, very productive, ripens evenly all over, excellent shipper.



Tomato—John Baer.

Truckers Favorite—This has literally jumped into favor with market gardeners everywhere, for its early and continuous bearing qualities. A purple variety, smooth, uniformly shaped. Very solid, does not crack, and a first-class shipper.

Beauty—Fruit large and smooth; excellent flavor, good shipper, the best all round variety for Montana, does not crack. Glossy crimson, with a light purple tinge.

New Stone—Grown more extensively than any other for main crop variety, especially by market gardeners. Very large, smooth and solid, of a bright red color, and a heavy yielder.

Spark's Earliana—The earliest tall variety, forming ripe fruit much earlier than any other. The fruit is large, smooth, of a bright scarlet color, and of fine quality. Very valuable for early market use.



Tomato—Bonny Best.



Tomato—John Baer.



Tomato—Dwarf Champion.



Tomato—Spark's Earliana.

John Baer—The seed of this Tomato was purchased by us three years ago from one of the largest growers in the East, who recommended it as the earliest of all tomatoes, and our experience with it bears out this recommendation. The fruit is a bright red color, of good size, round, smooth, very solid and producing very few seeds.

Earlibell—The earliest Tomato we know. Its heavy clusters of beautifully formed, medium-sized fruits ripen several days before any other variety. Although so wonderfully early, there is none of the disfiguring corrugation found in other early sorts, while at the same time Earlibell does not crack.

Golden Queen—Is solid, very smooth, free from ridges, large in size, ripens up evenly and is a handsome sort; in fact, by far the most beautiful yellow variety; excellent quality.

Dwarf Champion—On account of its dwarf, compact habit, it can be planted quite close. Wonderfully productive, the dark red-purple fruit being very solid and firm. Of medium size. Very desirable for the home garden.

June Pink—Appeals especially to those who like the pink color. The fruits grow in clusters, and begin to mature very early; measure 3 inches in diameter and are of excellent quality.

Tomatoes—Continued.

SMALL FRUITED VARIETIES.

For pickling and preserving. Invaluable for garnishing.

Pkt., 5c; oz., 40c; ¼ lb., \$1.35; lb. \$4.50
Red Pear—Fruit handsome and solid; fine for preserves
Red Peach—
Red Plum—
Red Currant—
Red Cherry—Small fruits used for pickles, very handsome.
Winter Cherry, or Purple Husk Tomato—Makes fine sauce.
Yellow Cherry—For pickles and preserves.
Yellow Plum—Round and regular, bright yellow; used for pickles.
Yellow Peach—
Yellow Pear—
Ground Cherry, Strawberry, or Yellow Husk Tomato—Plants of low-spreading growth and immensely productive. The small yellow fruits are each inclosed in a husk. Of very sweet flavor, highly esteemed for preserving or making pies.

TURNIP

Ger.—Steckruebe.

Scand.—Turnips.

(One ounce will sow 150 feet of drills; 2 pounds will sow an acre.)

Culture—For early use, sow as soon as the ground can be worked in spring, in drill 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. The sowing should be made just before rain, if possible, a rapid growth being important.

For feeding stock in fall and winter there is nothing superior to turnips and rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely for we are sure the crop will prove remunerative.

WHITE VARIETIES.

White Milan—Extra Early—Very small top, upright and compact; the clear white roots are very smooth, symmetrical and beautiful; there is no better turnip for early bunching; fine grained, tender and sweet.

Purple Top Milan—Extra Early—Very similar to the White Milan except that the roots are a little more flat, and the top of root is purple.

Early Snowball—A medium globe shaped variety of pure white. Very solid and of the finest quality for table use.



Turnip—Purple Top Strap Leaf.

Purple Top Strap Leaf—The most generally planted of any variety. It is a quick grower, the flesh is very fine grained and sweet flavored. The red top of the bulb extends down to where it rests in the soil.

Purple Top White Globe—Round, large; an excellent keeper.

White Egg—An old favorite, egg-shaped, perfectly smooth, firm and mild.



Turnip—Golden Ball.

YELLOW VARIETIES.

Golden Ball—The most delicate yellow fleshed turnip; of medium size form, hard and of superior flavor. Valued highly as a table variety.

RUTABAGA

Russian or Swedish Turnip.

These require a longer season in which to grow than do other turnips; the seeds should be sown about the first to the middle of June.

Bangholm—The seed for this variety of Rutabaga is as grown in Denmark by "Daehnfeldt," who has been awarded a first class certificate on several occasions by the Danish government for the Best Cropping Rutabagas. An oblong globular shaped root with small neck, yellow flesh, very dark purple top and is superior to all other varieties.



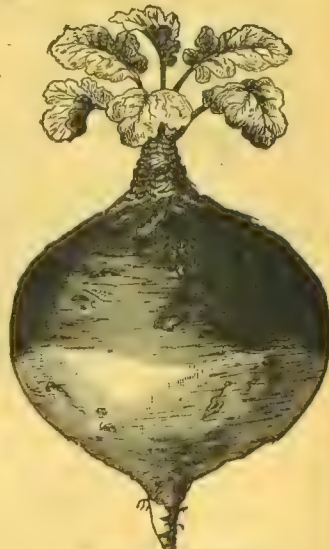
Rutabaga—American Purple Top.

Prize Winner—Short neck, small top, firm flesh, symmetrical shape, united with high feeding value, great productiveness, hardiness and long keeping qualities, describes the perfect Rutabaga. Every root of the Prize Winner more nearly approaches the ideal than any other strain.

American Purple Top—This strain is of American origin and is a purple top yellow variety. Excellent for table use and also for stock feeding. A most desirable variety.

Large White, or Sweet German—A very large variety, with white skin and white flesh which is tender and sweet.

Hurst's Monarch—A very distinct type, of the tankard shape, very large, yielding enormously. One of the best.



Rutabaga—Danish Bangholm.

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80

STATE NURSERY AND SEED CO.

NURSERYMEN—SEEDSMEN—FLORISTS
HELENA, MONTANA

ORDER NUMBER

**Parcel Post
Express
Freight**

Name of Railroad

Date.....191

Name (Write very plain)

Post Office

County State

R.F.D. No. Box ^{Street} and No.

Name of Railroad Station

Is there an agent at your railroad station (State yes or no)

(If there is no agent at your station allow for prepaid freight charges.)

If Out of Variety Ordered, Have We Your Permission to Substitute Equal or Better in Nearest We Can Supply?

Total Amount Paid

STATE NURSEERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money paid for them will be promptly returned. It must, however, be plain to everyone who gives the matter the slightest thought that it is to our best interest to send out only such seeds as will not only grow but prove true to name and description.

EVERY ORDER, LARGE OR SMALL, WILL RECEIVE OUR CAREFUL ATTENTION

[illegible]

We Guarantee Safe Delivery of Seeds by Parcel Post if Insured. If this is Desired Add Insurance Fee to Remittance.

IF YOU HAVE ANYTHING TO WRITE US WITH THIS ORDER, PLEASE WRITE ON A SEPARATE SHEET

IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES, ASK FOR THEM, THEY WILL BE MAILED FREE

NOTICE: KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK.

[illegible]

We Guarantee Safe Delivery of Seeds by Parcel Post if Insured. If this is Desired Add Insurance Fee to Remittance.

SPECIAL NOTICE.—If you will kindly send us the names of your flower loving friends—and those of farmers or ranchers of your acquaintance—with your order, we will be glad to place them on our mailing lists.

[illegible]

State Nursery and Seed Co.'s

Rocky Mountain Lawn Grass Seed

ROCKY MOUNTAIN LAWN GRASS MIXTURE is the best that can be procured at any price, or under any brand. It is the result of years of scientific selection and test in this climate, and it is no unusual thing for lawns that are sown with this unequaled mixture to require cutting in thirty days or less from the time of sowing.

Pamphlet on the Preparation and Care of Lawns, illustrated from actual photographs, FREE on application.



LAWNS ON CAPITAL GROUNDS, HELENA, MONT.

Sown With Rocky Mountain Lawn Grass Mixture.
Many of the trees shown are also from our Nurseries.

One quart suffices to sow 200 square feet, or 10x20; 5 lbs. for 2000 square feet, or 40x50; 80 to 100 lbs. per acre.

ROCKY MOUNTAIN LAWN GRASS MIXTURE—(Postpaid) Qt. Pkg., 40c; by Express or Freight at Purchaser's Expense, 5 Lbs., \$1.75; 10 lbs., \$3.25. Our Lawn Grass Mixture is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits and requirements. In our Rocky Mountain Lawn Grass Mixture are included only the very best varieties—pure, clean and free from foul seed.

KENTUCKY BLUE GRASS—("Peerless" Grade) (Postpaid) Lb., 35c; by Express or Freight at Purchaser's Expense, Lb., 35c; 10 Lbs., \$3.25. We wish to call particular attention to the cleanliness of our Blue Grass. Our seed is so thoroughly cleaned that a measured bushel weighs 24 Lbs.

KENTUCKY BLUE GRASS—("Placer" Grade) (Postpaid) Lb., 35c; by Express or Freight at Purchaser's Expense, Lb., 30c; 10 Lbs., \$2.90. Used extensively for lawns and parking streets; also makes excellent pasture or hay.

ROCKY MOUNTAIN LAWN GRASS MIXTURE WITH WHITE DUTCH CLOVER—(Postpaid), Qt. pkg., 45c; by Express or Freight at Purchaser's Expense, 5 Lbs., \$1.80; 10 Lbs., \$3.40. As there are many people who like clover in a lawn we put up a mixture as above; this mixture has gained us many friends and is increasing in popularity.

SHADY PLACE LAWN GRASS—(Postpaid), Lb., 45c; by Express or Freight at Purchaser's Expense, 5 Lbs., \$1.75; 10 Lbs., \$3.25. Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The grasses used in making this special mixture are those that are well adapted for growing in shade.

WHITE DUTCH CLOVER—("Peerless")—(Postpaid), 1 lb., 70c; by express or freight at purchaser's expense, Lb., 65c. This is frequently sown to cut green for chicks and fowls; also used largely in making lawns for which this variety is especially adapted.

See Lawn Requisites—the special "Gem Rake." A novel, useful and practical tool which every owner of a lawn should have.

PRICES SUBJECT TO CHANGE

UNITED STATES FOOD ADMINISTRATION—LICENSE NO. G-33773.

SELECT FIELD SEEDS

[Prices Quoted F. O. B. Helena.]
Subject to change.

No Charge for Sacks Unless Specially Noted.

Prices quoted on Field Seeds are those in effect at the time this catalog goes to press. We will maintain these prices as long as possible, but cannot guarantee them throughout the season. Order early before our stocks are exhausted. Current Price of Field and Grass Seeds during the season will be quoted on request, Please state quantity desired.

Our large new fire proof Seed Warehouse, containing nearly 20,000 square feet of floor space, located near the Great Northern R. R. Depot, is in full operation. It affords us facilities for the prompt handling of large quantities of seeds second to none, and is equipped with the most modern and up-to-date machinery for the cleaning, re-cleaning and grading of seeds that scientific ingenuity can devise. All machinery is equipped with electric motor drive for power.

Ample switching facilities for car lot receipts and shipments are provided.

The completion of this up-to-date plant places the STATE NURSERY & SEED CO. as undoubtedly the most complete establishment of its character in the northwest.

Our friends and customers are cordially invited to inspect this latest addition to our plant, also our store on Fuller Avenue, and the large Nurseries, Seed Trial Grounds and Greenhouses on the Broadwater Street Car line. Courteous employes will take pleasure in showing the different departments to visitors, and a visit to Helena is not complete without a visit to this large and most interesting branch of the business family of the city.

SEEDING TABLE

WE RECOMMEND THE FOLLOWING QUANTITIES OF SEED TO BE USED PER ACRE:
An acre contains 43,681 square feet—209x209 feet.

	Broadcast.	Drilled.		Broadcast.	Drilled.
ALFALFA—For hay crop, on irrigated land	15 lbs.	12 lbs.	BROME GRASS—(Bromus Inermis) For hay or pasture on irrigated land	20 lbs.	15 lbs.
ALFALFA—For hay crop on dry land	10 lbs.	8 lbs.	BROME GRASS—(Bromus Inermis) For hay or pasture on dry land	15 lbs.	12 lbs.
ALFALFA—For seed crop, on dry land or sub-irrigated	8 lbs.	6 lbs.	BLUE GRASS—For hay or pasture on irrigated land	25 lbs.	20 lbs.
ALFALFA—Pedigreed GRIMM, in rows 3 ft. apart to be cultivated		1 lb.	ORCHARD GRASS—For hay or pasture on irrigated land	25 lbs.	20 lbs.
CLOVER—Medium Red, for hay crop....	12 lbs.	10 lbs.	RYE GRASS (Perennial)—For hay or pasture on irrigated land	40 lbs.	30 lbs.
CLOVER—Alsike. for hay crop.....	10 lbs.	8 lbs.	MILLET—German, Hungarian, Siberian or Hog, for hay crop	30 lbs.	25 lbs.
CLOVER—Sweet, for hay crop or to be plowed under for green manure	15 lbs.	12 lbs.	MILLET—Japanese or Billion Dollar Grass, for hay crop.....	15 lbs.	10 lbs.
TIMOTHY—For hay or Seed Crop.....	10 lbs.	8 lbs.			
TIMOTHY AND ALSIKE CLOVER—For hay or pasture.....	10 lbs.	8 lbs.			
RED TOP—For hay crop or pasture.....	10 lbs.	8 lbs.			

GRAINS

WHEAT—4 pecks—1 bu. or 60 lbs.	BARLEY—2 or 6 Row—5 pecks—1 bu. and 1 peck or 60 to 70 lbs.
OATS—4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.	BARLEY—(Hulless)—4 pecks—1 bu. or 60 lbs.
FLAX—16 to 30 lbs.	

Having been advised by a great many of our customers that the above information would be a great benefit to farmers generally, we are glad to give the table. We find from long experience that these are the necessary amounts to sow for the various purposes stated.

Inoculate this
Seed with
FARMOGERM.

ALFALFA

FACTS ABOUT ALFALFA.

Alfalfa produces from 3 to 7 tons of hay to the acre. It has as much protein as Wheat bran; 360 stalks have been grown from one seed. It does not exhaust the soil, but enriches it. It can be ground into meal to feed hogs and chickens. It will grow 2 to 3 crops a year.

Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than Timothy. Then milch cows can be fed on less than 2 acres by soling. One acre will pasture 20 hogs for six months.

Three pounds a day makes a full feed for fattening lambs. Four to five pounds makes a full feed for fattening aged sheep. Thirty-five pounds makes a full feed for fattening steers.

A lamb will winter and thrive on 3 pounds a day. Sheep fed with Alfalfa will gain from 8 to 15 pounds in 75 days and will double, with small grain ration added. Lambs wintered on Alfalfa will produce one to two pounds more of wool than when on the range.

Fed to dairy cows, Alfalfa maintains the flow of milk, equal to June grass for nearly a whole year. It can be chopped fine with corn meal. Such a mixture is worth more per pound than the original corn meal.

Many interesting facts in addition to the above might be cited about Alfalfa. It would hardly be possible to say too much about Alfalfa; it is a working plant which is changing the destiny of many farming sections.

Its long branching roots penetrate far down, push and crowd the earth this way and that, and thus constitute a gigantic subsoiler. These become an immense magazine of fertility.

The value of a strain or variety for any certain locality depends upon its ability to yield generously and withstand the climatic and soil conditions there prevailing. To best insure such qualities in Alfalfa, seed should be sown that has been grown in a section where the producing plants have successfully survived the most unfavorable conditions that are likely to be encountered. This insures seed of the highest grade of vitality, as plants in any way deficient are killed out in such winters as that of 1915-1916, when temperatures ranging from 40 to 46 below zero were registered in this section. These temperatures are taken from the official records, and the natural result in a field of Alfalfa is "the survival of the fittest"—nature's immutable law. The seed we offer is from plants that have stood this supreme test, and can not be surpassed by any brands on the market today.

ALL ALFALFA WE OFFER WAS PRODUCED ON DRY OR SUB-IRRIGATED LANDS.

GRIMM ALFALFA.

Grimm Alfalfa as it is generally called, was first grown by Wendelin Grimm, at a point in Minnesota. The wonderful advance made by this type over the ordinary Alfalfa led its being subjected to the most severe tests by the Agricultural colleges and others. Our Registered Grimm has been grown under the supervision of the Montana State Agricultural College for years, and is harvested, threshed and sealed under the care of their representative. So far as we know, the Registered Grimm which we offer is from the only plot of Registered Grimm grown in the state of Montana.

Registered Grimm—This Seed is tested for Variety, Purity and Germination by the Montana Agricultural College and Inspected, Registered and Sealed by the Montana Seed Growers' Association.

True Grimm Alfalfa has been so well advertised and described that any attempt at further praise would be superfluous. In every respect it has proved itself a most wonderful variety or type, and its reputation has been so well established that the true registered and sealed seed always commands a high price. The above offered Grimm is the best that can be procured at any price, grown from the original stock, fully registered, inspected, tested and sealed under the most stringent regulations to insure the highest quality attainable.

SEE RED INSERT—PAGE 80—FOR PRICES

FREE—Pamphlet on Registered Grimm Alfalfa for the asking.

"LISCOMB" ALFALFA (Variegated Flowered.)

The type listed below as "LISCOMB" Alfalfa is one of the best that has yet been introduced. It possesses every requisite to be desired to place it in the front rank of Alfalfa varieties.

It is of the much to be desired branching root and many crowned type, with variegated flowers.

It is of the most hardy nature (46 below zero is known to not injure it in the least) yields enormously, and does well on dry and sub-irrigated lands.

It has received the highest commendation at the hands of the Extension Division of the Minnesota Experimental Station, and also from the officials of the Montana Stations.

More than this can not be said or claimed for any brand or type of Alfalfa, and we confidently predict that as the merits of the genuine "Liscomb" Alfalfa become known, it will be in far greater demand than that of any other by growers desiring the best Alfalfa that can be obtained for the rigorous northwestern climate.

Liscomb "Peerless"—This is the highest grade of this variety that can be procured, most carefully selected, cleaned and re-cleaned by the most scientific machinery that can be procured for the purpose.

Liscomb "Placer"—This grade "Placer" is second only to our "Peerless" grade, and is of splendid quality.

Montana Ordinary Alfalfa Seed

is today acknowledged to be without a peer. Experiment Stations of several State Agricultural Colleges, bear out in every case the final superiority of Montana seed, for hardiness, vitality and productiveness. Located as we are, in the heart of the Rockies, we have facilities for the selection and acquisition of the highest grades of Alfalfa for the northwestern country that are not equaled by any other house, and our customers may rely on the assertion that seed secured from us is of the hardest and best obtainable quality in the grade in which we class it.

ALFALFA—"Peerless") Best on earth, in 50 lb. or 100 lb. Sealed Bags. The seed is large and of high germination. Our seed is obtained in those sections where plants have endured the extreme cold of winter and thrive at high altitudes. Our experience of several seasons has demonstrated the superiority of this seed under adverse climatic conditions throughout the entire Northwest. There is no better seed grown.

ALFALFA—(Placer) Experiments of many agricultural stations have established without a doubt the superior hardiness of Montana grown Alfalfa seed over that produced elsewhere. This grade is selected from among the best that grows, and is next only to our "Peerless." Samples cheerfully sent to intending purchasers; when writing for samples, please state what quantity you expect to use, so that we may quote you the best possible price on the quantity you need.

SEE RED INSERT—PAGE 80 FOR PRICES.



ALFALFA—(Quartz) An excellent grade of seed, but on account of unfavorable weather it has some discolored seed and therefore is not bright enough in color for the higher grades. Rains during the harvesting the past season discolored quite a large percentage of Alfalfa seed. This seed is well above the standard for both purity and germination. Write for samples stating quantity you can use.

ALFALFA—(Turkestan) Up to the time of going to press we are unable to secure stocks of this variety. Conditions in Russia where this is grown are not favorable for exporting.

SCARIFYING.

We have installed an up-to-the-minute Ames Scarifying machine. Add \$1.00 per 100 lbs. if you desire your Sweet Clover or Alfalfa Seed Scarified.



Gold Medal Awarded State Nursery & Seed Co., for Alfalfa Seed at the Panama-Pacific Exposition, San Francisco, Cal.

CLOVERS

Inoculate this Seed with FARMOGERM.



Medium Red Clover.

Medium Red, "Peerless"—Looking to the future, no time should be lost in introducing the bacilli of the Red and Alfalfa Clovers. The use of nitro cultures may tend to hasten their establishment, but nature's way, and the best way, is to use a small quantity of seed, say a pound or two of Red and Alfalfa Clover to the acre with whatever crop you are seeding. After a little you have the prized bacilli in your land, then you may safely call your farm doubled in value from a producing standpoint. Red Clover is regarded as the most important of the whole genus for practical agriculture; valuable not only for forage, but also a fertilizer for the soil. Long, powerful tap-roots, which in decaying add largely to that black mass of matter we call soil.

Mammoth Red "Peerless Grade"—This variety of clover matures about two weeks later than the ordinary red clover, and will produce a heavier yield per acre than any other variety. It is also better adapted to poor sandy soil than other sorts, Alsike included. On account of its vigorous heavy growth, it should be cut for hay before the bloom fully matures, otherwise the heavy growth will have a tendency to become woody. It is by far the best variety known where clover is desired for a hog pasture.

Alsike or Swedish "Peerless" Grade—This Clover originally came from the little Province of Alsike in Sweden. One of the hardest varieties known, is perennial and does not winter kill; stands alike drouth or wet. We know of many who have used Alsike Clover to sow in boggy land, making this land produce a crop or pasture and at the same time enabling it to be driven over as the mass of roots make a heavy sod. Favorite with bee keepers. Flowers with sweet agreeable odor.

Alsike or Swedish "Placer" Grade—Second only to our "Peerless" grade.

White Dutch—Excellent for pasture, and when mixed with Kentucky Blue Grass, makes the finest and most nutritious food for sheep and cows, used universally for lawns in the United States. Sow 5 to 8 pounds to the acre alone for pasture; for lawn, 1 lb. to 400 square feet.

Crimson Clover—An annual variety in common use in Italy and southern France for feeding green. Also grown largely in this country in Virginia, where it is called "German Clover," and we think would do well in our western states, for green manure and fertilizer.

For Poultry Remedies—Planet, Jr., Tools, Insecticides—and All Garden Requisites—See Last Pages of This Catalog. See Index for Complete List of Contents.

FOR PRICES ON ALL FIELD SEEDS—
SEE RED INSERT—PAGE 80

SWEET CLOVER



A Field of Sweet Clover.

Inoculate this Seed with FARMOGERM.

ADVANTAGES OF SWEET CLOVER.

Consider the following facts: 1. It is not a weed. 2. Like alfalfa it is rich in protein. 3. Will not bloat cattle or sheep. 4. Equal to alfalfa for pasture. 5. Is a great milk producer. 6. Furnishes early spring pasture. 7. Contains more protein than red clover. 8. Fits well in the crop rotation. 9. Is a great soil enriching crop. 10. Better than any of the common clovers as a green manure crop. 11. Is a valuable plant for honey bees. 12. Prepares the soil for alfalfa. 13. Roots are soft and give no trouble in plowing. 14. Roots being tender, become inoculated more readily than alfalfa. 15. Never damages cultivated crops. 16. Its roots decay rapidly, adding much nitrogen and humus to the soil. 17. Grows and will produce a crop in all parts of the United States. 18. Seeds freely in both humid and dry sections. 19. Sweet Clover prevents erosion. 20. Will grow under conditions where clover and alfalfa fail; (a) on low, wet, alkali and acid soils; (b) on hard, compact soils; (c) on poor soil, especially where there is lime. Last and best of all, it is the Dry Land Farmers' Salvation, furnishing him with green manure so necessary and so hard to apply except through the plowing under process.

A special pamphlet on Sweet Clover and Its Uses, on application.
Sweet White Blossom—As Sweet Clover can be grown under conditions which are unfavorable to most forage or grazing crops, it is destined to become quite popular in our non-irrigated pasture lands. This fact has caused our Agricultural Colleges to recommend it very highly. Inquiries for Sweet Clover Seed are yearly growing in number, as our farmers learn its true value.
Sweet White Blossom, "Placer" Grade—
Sweet White Blossom, "Quartz" Grade—This grade is unhulled seed. Both high in Purity and Germination.
Mammoth Biennial Sweet Yellow Blossom, "Peerless" Grade—The Yellow Blossom Sweet Clover belongs to the same family as the white blossom, not quite so vigorous in growth, but is at least 14 to 21 days earlier, and has yellow flowers.

RED TOP

(Eight to ten lbs. to the Acre.)
Solid Seed, "Peerless"—A valuable grass for moist soils. It is a good permanent grass, standing our climate as well as any other, and consequently well adapted to our pastures, on which it should be fed close, for if allowed to grow up to seed the cattle refuse it. On moist rich soil it will grow 2 feet, and on poor gravelly soil, about half that height. It has been grown successfully even on "alkali" bottom lands, where other grasses failed. We do not handle the chaffy grade of Red Top, and offer only clean seed.
Solid Seed, "Placer"—Excellent quality. Second only to Peerless.

TIMOTHY

(Eight to Ten lbs. to the Acre.)
"PEERLESS" GRADE.
As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It yields more nutritive matter than any other grass or forage plant. It is not suited for a permanent pasture, as it will, in the course of a few years, run out. It is, however, well adapted to early spring grazing, as it starts up quickly in the spring and in favorable weather can be pastured in the autumn as well. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil as well as some other grasses.

FOR PRICES SEE RED INSERT—PAGE 80.



Timothy.

"Placer" Grade—This grade, like the above, is the plump native grown seed, unequaled by the stocks of most eastern firms. If you use large lots write for special price, stating quantity you expect to use.

Alsike Clover and Timothy Mixed—Where Alsike Clover and Timothy are grown together, and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. On this account we purchase the seed for less money and we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows.

BLUE GRASS

(20 to 25 Lbs. to the Acre.)
Kentucky "Peerless"—We wish to call particular attention to the cleanliness of our Blue Grass. As usually sold by most seedsmen it weighs 19 to 20 lbs. to the measured bushel. Our seed is thoroughly re-cleaned.
Kentucky "Placer" Grade—Used extensively for lawns and parking streets; also makes excellent pasture or hay.
Correspondence in English, German or Scandinavian.

BROME GRASS

(15 to 20 Lbs. per Acre.)



Bromus. Inermis, "Peerless" Grade—A wonderful drouth resister. A grass for the stock raiser. All cattle like it. Will drive out Russian Thistle, also Black Mustard. Drouth defying, frost resisting. Yields enormous crops of splendid hay and affords early and abundant pasturage. We have seen some very fine crops of Brome Grass and Alfalfa mixed, which makes an excellent hay for horses and cattle. Try it. These both mature and cure at the same time. Our Peerless grade of this magnificent grass is unequaled for purity and high germination, and less seed is required to the acre than any other grade. From good seed, good crops grow.

SLENDER WHEAT GRASS

(20 Lbs. per Acre.)
Or Western Rye Grass—This is a valuable native grass, very hardy and makes good hay. Much valued for crop rotation. Seed about 20 lbs. to the acre, and do not cover too deeply. Some growers advise the mixture of Red Clover with this grass and for hay this assures easier handling in harvesting. It has proven a valuable crop in the Dakotas and also in Northwestern Canada. On account of the very short crop and scarcity of Brome grass this season, Slender Wheat Grass will be used extensively.

ORCHARD GRASS

(20 to 25 Lbs. per Acre.)
"Peerless" Grade—A valuable grass for pasture or hay land, and on account of its earliness is very valuable for a permanent pasture. It furnishes the first green grass in the spring and until late in the fall. When closely cropped it grows up very thickly and is ready for grazing again in ten to twelve days. When grown for hay, more than one crop can be obtained in one season, and when only one crop is cut the aftergrowth is very heavy and gives splendid and rich pasture till late in the fall. It will stand drouth and is hardy. It grows in tufts, and is therefor best sown with Red Clover, rye grass, etc. It is well suited for shady places, such as orchards and groves.
Do you wish your Clover or Alfalfa Seed Scarified?—See Page 100

PERENNIAL RYE GRASS

(25 to 30 Lbs. per Acre.)

"Peerless" Grade—A strong growing, hardy perennial grass, valuable both for grazing and hay. Also makes a fine lawn and does not require the close care that Blue Grass does as it will flourish better under trees or in shady locations.

FOR PRICES SEE RED INSERT—PAGE 80.

SUDAN GRASS

One of the Most Remarkable Forage Crops Grown



SUDAN GRASS—(Montana Grown).

SUDAN GRASS—The original form of the cultivated Sorghum. It was brought to the United States by the U. S. Department of Agriculture in 1909. It is a tall annual grass, and ranges in height from 4 to 8 feet. The stems are small and somewhat more leafy than Johnson Grass, which it most nearly resembles. Like the Sorghum crop, it must be planted each spring and dies when the first frost comes. It usually matures 90 days from planting. Its feeding value marks it easily as one of the dependable crops for the farm.

HOW TO PLANT.

Use 3 lbs. per acre if in cultivated rows; 5 lbs. per acre in drills, and 16 to 24 lbs per acre broadcast. It should not be planted until all danger of frost is past and the ground thoroughly warm, as the young plant is tender.

HARVESTING.

The crop should be cut as soon as the grass is fully headed and early cutting is advised where the crop is to be used for hay. If grown for seed it should be cut when the seed is ripe and fully matured. It may be harvested with a mower or grain binder. If planted in drills it can be readily harvested with a corn binder. When sown for seed it is best to bind it as it is much easier to handle in threshing.

FOR PRICES SEE RED INSERT—PAGE 80.

MILLETS

(3 Lbs. to Acre for Cultivated Rows; 4 Lbs. to Acre in Drills; 16 to 24 Lbs. per Acre Broadcast.)



WHITE WONDER MILLET

A Russian soldier, serving in the Russo-Japanese war discovered this wonderful millet in China. He put a little of the seed in his knap-sack and when the war was over he came to the United States bringing his precious packet with him.

The most striking feature of White Wonder Millet is the size of the heads. This illustration shows one-half size of one of the heads and many will be even larger. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as heavy as that of Golden Millet. Some growers of White Wonder Millet claim that it will outyield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than Golden Millet but not quite as early as the Siberian variety.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very readily.

We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leave the ground clean, White Wonder Millet will soon take first place among the millets.

GOLDEN—Tennessee Grown Seed—In the north Millet is sown almost altogether for hay and for that purpose southern grown seed is much the best. It grows taller than does that from northern seed, and that means more hay. It is finer than that from the northern seed, and that means better hay. In fact, it is our judgment based on an experience of many years that a farmer had better, from the standpoint of profit alone, pay \$2.00 a bushel for true southern grown Golden Millet than to sow the best northern Millet as a gift. Millet seed produced in the north, even from southern seed, becomes what we call Common Millet. Not only does the plant change in character, becoming coarser and much more dwarf, but the seed itself shows a change and is readily distinguished by those experienced in handling it.

SIBERIAN OR KURSK MILLET—This variety was first introduced into the United States from Kursk, Russia, in 1898. Extensive experiments were conducted at both the South Dakota trial stations which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay has been far ahead of Golden or Hungarian Millet. In favorable years the difference has not been so great but the results have always been in favor of the Kursk Millet. We have a fine supply of excellent quality.

HOG OR LROOM CORN—This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry or young chicks. It is very similar to the Early Fortune Millet except that the seed is yellowish white in color. It will mature in about two months from sowing the seed.

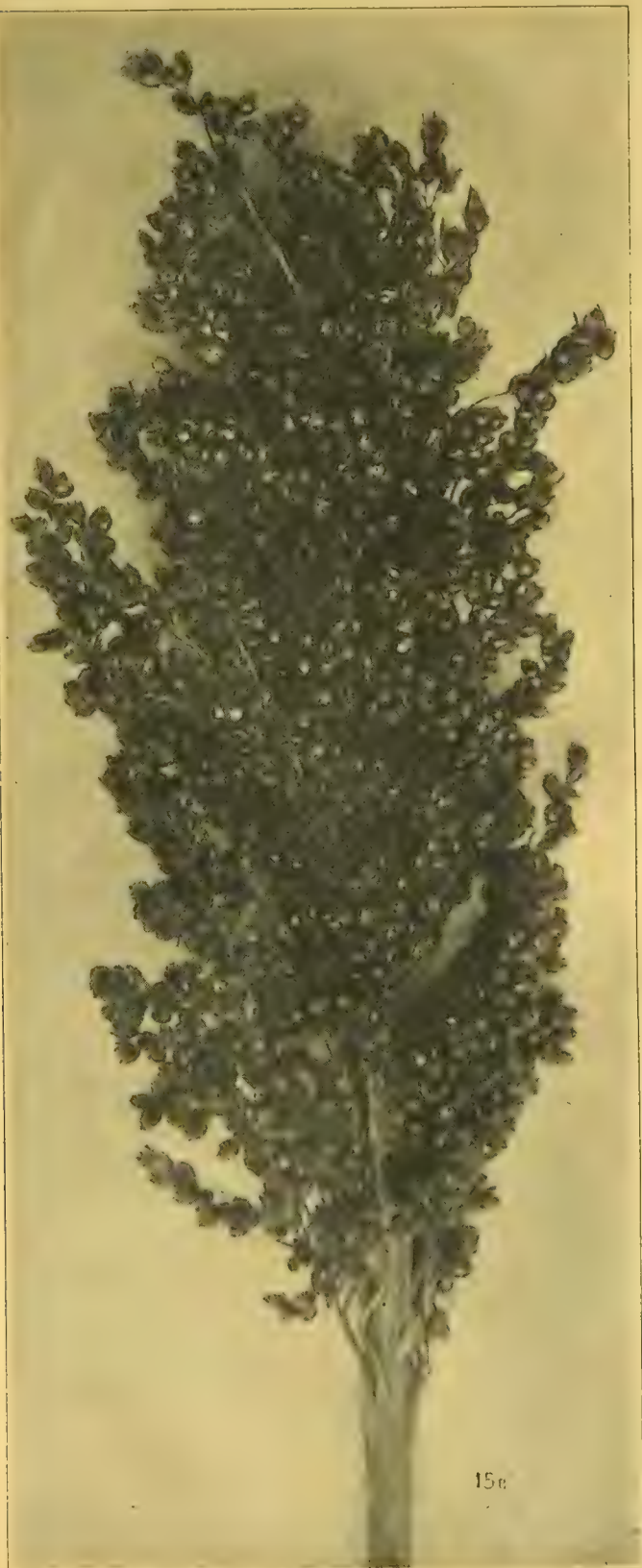
JAPANESE—Improperly called "Billion Dollar Grass"—Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. Sow 10 lbs. in drills; 15 lbs. broadcast to the acre.

SORGHUM OR SUGAR CANE

(15 Lbs. per Acre Drills; 50 Lbs. Broadcast.)

Sorghum—(Southern Seed)—This Sorghum, while not suited for syrup making purposes in this section, is of great value as a forage crop, whether to cut and dried or for use in silos. It is very rich in feeding qualities and will yield heavily on irrigated or sub-irrigated lands.

SORGHUM—Minnesota Amber Cane—This is the Northern grown type of this popular and valuable forage crop, and best suited for syrup.



Sorghum—Minnesota Amber Cane.

FETERITA

(3 to 4 Lbs. per Acre in Drills.)

FETERITA—A wonderful new grain which has attracted considerable favorable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family. It was introduced from Africa by the United States Department of Agriculture. The advantages of Feterita are its drouth resisting qualities, its heavy yield, its earliness, its stooling propensities and its freedom from insect pests. It is of medium height and about



equal to Kaffir Corn in feeding value. Feterita successfully withstood dry weather in Kansas and nearby states during 1913 and yielded more under these unfavorable conditions, 35 bushels per acre and more. Under proper conditions, it will yield

60 to 75 bushels to the acre. It branches very freely from the roots, making from three to eighteen heads from a single stool. It is from two to three weeks earlier than Kaffir Corn, and should successfully mature in the north. Culture same as for Kaffir. The chinch bugs will consume other crops, but seem to leave Paterita entirely alone.

KAFFIR CORN

Kaffir Corn, White Seeded—An excellent fodder plant, yielding two crops of fodder during the season. It grows 4 to 5 feet high, making a straight upright growth. The stem or stalk bears numerous wide leaves. The stalks are brittle and juicy not hardening like other varieties of Sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy, sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 pounds to the acre. For fodder sow 40 to 50 lbs. either broadcast or in drills.



Kaffir Corn.

LENTILS

Montana Grown—Lentils are again coming to the front in leguminous crops, and rightfully so. Inoculated with Farmogerm, they enrich the land with nitrogen, they produce a heavy crop on poor soils, the crop can be profitably used for any feed purposes either green or cured, and the ripened crop when threshed is in great demand for cooking purposes. Few of the legume family make as desirable a stock for soups as do the Lentils. Oriental countries have long used this as a chief article of diet, and its value in this country for that purpose is

Inoculate this
Seed with
FARMOGERM.

FIELD PEAS

Inoculate this
Seed with
FARMOGERM.

(60 to 75 Lbs. per Acre in Drills; 75 to 100 Lbs. Broadcast.)

Here is a crop which is not only profitable, but will return to the land the much-needed nitrogen. Peas are second only to clover in their soil-enriching properties and can be grown under any conditions of soil or climate. There is always a ready market for peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milk cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled. Peas are a paying crop and can be profitably planted in many ways.

Canada—Canada Peas are one of the most useful and valuable legumes that can be grown by the northwestern farmer. Of a most hardy nature, they will thrive fairly well even on the poorest land, and aid most materially in bringing the land into a good condition for other crops, especially when the seed is inoculated with Farmogerm, which should be used with all leguminous crops to get the best nitrogen addition to the soil. They grow from 3 to 4 feet high and the crop can be used in any manner, as ensilage, or cured for hay of the highest quality, or as a hog pasture, or plowed under for a green manure. The ripe dry peas are much used for soups, and for that purpose when properly cleaned always bring a high price.

White Marrowfat—These large handsome Peas are equally as profitable to grow as a field crop and on account of their size are saleable at all times at the top of the market, as well as providing the table with an extra good pea during summer. Very heavy yielder, producing from 40 to 60 bushels per acre; these peas being softer than the Canada Pea, are preferred by hogs or stock. Many growers are increasing their acreage of these peas, considering this variety the best and most profitable.

Alaska—An early maturing Pea which is becoming quite popular because it stands up well in the field, and can be cut from either side, and is a heavy yielder. This is one of the varieties sought after by the canners, and the safest for Dry Land Farming.

Mixed—We have a good stock of these Peas which are a mixed lot (Canada, Marrowfat and Grey), suitable for hogging off or pea hay for soiling. Will mail samples on request.

Correspondence in English, German and Scandinavian.

VETCHES

Inoculate this
Seed with
FARMOGERM.

(40 to 50 Lbs. to the Acre.)

Spring Vetch—Used for the same purpose as the Sand or Winter Vetch. This variety requires a good soil, is frequently sown with oats or barley, with which it makes excellent feed.

Sand or Winter Vetch (Vicia Villosa)—Sometimes called Hairy Vetch. This is a very valuable forage plant and is rapidly becoming popular each year as the farmers are learning more of its great value for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor light land, and well stands extreme of drouth, heat and cold. It improves the soil, being a great nitrogen gatherer. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. May be sown with about half bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive.



WINTER VETCH

FLAX

Russian—The standard sort used in the northwest. It requires special machinery to make seed of any grain and this is especially true of Flax. Cleaning Flax so as to make it "right" for seed is a somewhat expensive operation and involves a very considerable waste. But write for sample, use the magnifying glass, and compare it with flax from the farm or elevator and judge for yourself if our seed is worth to you all it costs. Spray your flax with formaldehyde before seeding.

FLAX—Continued.

North Dakota #114—This Flax comes to us highly recommended both as a seed and fibre producer. In the section where it originated it has proven under normal conditions wilt-resistant and of excellent value.



Head of Mammoth Sunflower.

SUNFLOWER

(8 Lbs. to the Acre.)

Mammoth Russian—Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value. Sunflower is being profitably grown as a fodder crop quite extensively in some parts of Montana, and is very highly recommended for a silo crop.

RAPE

(Sow 2 to 3 Lbs. to the Acre in Drills; 5 Lbs. Broadcast.)

Use of Dwarf Essex Rape—Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent. This plant may be grown successfully in the following ways, viz: 1. In the early spring, to provide pasture. 2. In June or July, on well prepared land to provide pasture. 3. Along with grain using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a "catch" of clover. 5. As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by corn stalk disease. Prevention is better than medicine in regard to this fatal disease. 7. Along with rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not leach, wash or drift. 9. To plow under as a green crop, adding humus to the soil, an element needed in grain growing sections. When rape is sown broadcast, 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart and cultivated, from 2 to 3 lbs. an acre will be enough.

BUBK WHEAT

(35 to 40 Lbs. to the Acre.)

SILVER HULL BUCKWHEAT—This valuable variety originated abroad and is a decided improvement on the old black or gray sort. It is early, remains longer in bloom than other sorts. A fine variety for honey bees. The grain is of a beautiful light gray color, and has a thin husk. Millers prefer Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive and the grain meets with a more ready sale, bringing higher prices than the Japanese. Under favorable conditions it will yield 40 to 50 bushels an acre.

BIRD SEED

BIRD SEED MIXED—(S. N. & S. Co.'s) Lb. (Postpaid), 25c; by express or freight, 10 Lbs. \$1.50
Has become famous for its superior quality. We use nothing but the freshest high-grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. Put up in 1 pound lithographed cartons.

BIRD—(Hemp)—Best grade, Lb., (Postpaid).....

BIRD—(Canary)—Best Sicily, Lb., (Postpaid).....

BIRD—(Rape)—For birds Lb., (Postpaid).....

BIRD—(Millet)—Fancy, Lb., (Postpaid).....

BIRD—(Gravel)—Lb., (Postpaid).....

FOR PRICES SEE RED INSERT—PAGE 80.

SEED GRAINS
WHEAT

(60 to 75 Lbs. to the Acre.)

SPRING DURUM—Durum or Kubanka Macaroni—In the field this Wheat grows very strong and with surprising rapidity, so rapidly as to get well ahead of the weeds. It does not shell or bleach and is also hail proof owing to the tightness of the hull. The straw is very strong.

Marquis Wheat—The wheat you will eventually buy. Unquestionably the best wheat for the northwest. Matures a week to ten days earlier than Red Fife; yields 15 to 20 bushels to an acre more than Red Fife; and for milling purposes grades No. 1 hard. Kernel is hard and flinty, a little darker than Red Fife and more plump than that variety. It is beardless, having smooth yellow chaff. Marquis Wheat is the earliest, hardiest and heaviest yielding Spring Wheat adapted for northwest-ern conditions.

Soft Spring Club—An old favorite, grown especially for consumption at home for feeding purposes, a heavy yielder under irrigation.

BURBANK SUPER WHEAT—See Page 107.

WINTER WHEAT—Kharkov or Improved Turkey Red—For delivery in July, write for Sample and price. The kernel is a little larger and berry a little lighter in color than the Turkey Red, of which this is an improvement. By various growers' reports the Kharkov is a better yielder by from 4 to 6 bushels per acre.

WINTER WHEAT—Turkey Red—For delivery in July, write for sample and price. We offer a true strain of the **Old Reliable Turkey Red**. The Farmers' and Millers' Friend.

OATS

(50 to 60 Lbs. to the Acre.)

Swedish Select—These originated in Sweden and they seem to be adapted to the growing conditions of the Great Northwest better than any other of the improved foreign Oats. They retain splendidly the vigor, hardiness and productivity that were bred into the original parents.

These Oats ripen fairly early, the straw is of medium height, strong and stiff. The grain is white, thin hulled, and plump. Weight per measured bushel, 40 to 45 lbs. The spikelets are small and usually two-grained. The shoots are abundant and the development in the field is strikingly regular and ample.

National—National Oats are claimed to be the heaviest yielders of the family. Yields have been reported from 60 to 150 bu. per acre. It stands drouth well, has a very strong stiff straw, with large long heads and kernels are large full and white in color.

60 Day Oats—In an average of seven years at the Moccasin Experiment Station of the Montana State Agricultural College, this has outyielded all other varieties. Growers at first sight sometimes form an erroneous opinion of the value of 60 Day Oats from the small kernel of the grain. This however is not a valid objection, as examination shows that there is much less hull than in many other varieties, thus vastly increasing its food value.

Montana White or Big Four Oats—A large fat grain, preferred by many to the Swedish Select, which it most nearly resembles.

FOR PRICES SEE RED INSERT—PAGE 80.



View of Speltz grown for Seed on Our Farm Which Yielded Over 50 bu. Per Acre.

SPELTZ OR EMMER

(Sow 70 to 80 lbs. per acre.)

This grain more nearly resembles wheat than any other grain. For fattening all kinds of stock—and poultry, it is claimed to be superior to either corn, oats or wheat. Its yield is often enormous, especially on irrigated lands. It is a wonderful hay producer, as its stooling habit is very strong, as many as 100 stalks having been known to spring from one grain. Makes an excellent pasture, and has yielded 4 tons of hay to the acre, under good conditions. A good producer on lands that will not grow wheat profitably.

RYE

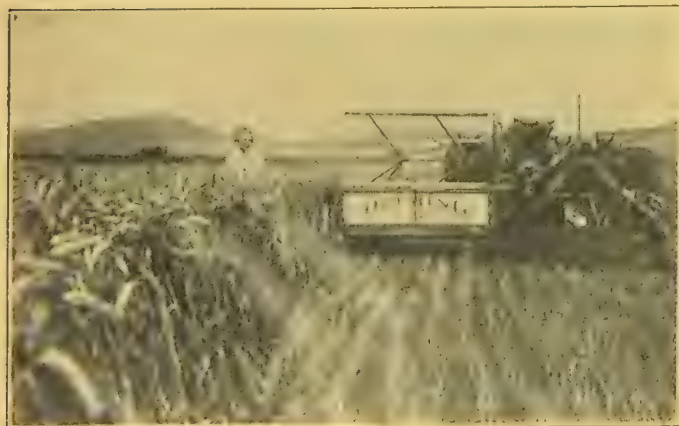
SPRING RYE—True stock, Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. For the dry farmer needing a sure crop of hay, Rye can be depended on to produce a good

tonnage of excellent hay. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality. We call particular attention to the fact that we offer genuine Spring Rye.

FALL RYE—Winter Rye is much harder than Wheat and can be grown on a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain, fodder, soiling purposes and green manure. Sow Aug. 20th to Sept. 15th—1½ bu. per acre if for grain, and 1½ to 2 bu. per acre for Fall pasture. If drilled 2 to 2½ in. deep there will be less danger of Winter killing. Ready for delivery in August.

FOR PRICES SEE RED INSERT—PAGE 80.

BARLEY



Cutting White Hulless Barley, John T. Jackson Ranch, Pony, Montana.

White Hulless—No Barley of which we have knowledge has proved so valuable to the stock raiser as the White Hulless. It is not a malting variety, but for feeding purposes there is no Barley raised its equal in earliness, yield and quality.

Its Valuable Properties—It is hulless, beardless, and early; it weighs over 60 pounds to the measured bushel; yields well on good land; makes better pork than corn; it is of inestimable value to every one who feeds stock. It is often grown for hay, coming very early and providing rich food. It should be cut just before it becomes ripe and while the straw is green. In this condition it is relished by all kinds of stock. The straw is stiff and straight, and seldom if ever does it lodge. Use 50 lbs. seed to acre on dry land for grain crop.

BARLEY—Guy Maile—(Beardless and Hulless)—A blue barley similar to the White Hulless, but claimed to be a heavier yielder. It is a cross between the Black variety and the White, and requires the same treatment as the White Hulless.

Two-Row—A bearded hulled variety which has shown in Montana experiment station very heavy yields. Straw rather short, especially in dry seasons. When grown without irrigation sow as early as the weather will permit.

Six Row—A well known and popular bearded and hulled variety, yielding heavily and with grain of the highest quality.

BARLEY—White Smyrna—A white two-row bearded barley introduced by the U. S. Department of Agriculture. In the several tests at the dry land experiment stations it has taken the lead in yields. This variety appears to have the ability to make grain if it has to sacrifice length of straw to do so. During the past two years it has met the unusual drought conditions, and is the most promising variety the Agricultural Experiment stations have today.



THE NEW BURBANK WHEAT

By Luther Burbank.

"It is with unusual satisfaction that I now offer, for the first time, a limited quantity of new wheat; the best result of ten years of most careful and expensive experiments. It has been tested alongside of sixty-eight of the best wheats of the world, and has excelled them all in yield, uniformity, and other desirable characteristics; the growth is strong, four feet on good ordinary soil, tillers unusually well, and on ordinary valley soil, without special cultivation, care or fertilizing, this Summer, (1917) produced at the rate of *forty-nine and 88-100* bushels per acre, every plant and every kernel uniform, as this wheat was originally all grown from one single kernel. Even at present prices of ordinary wheat for milling purposes, it will be readily seen that the crop of each acre would purchase an acre of the best wheat land.

The small field of this new Wheat has been the wonder and surprise of thousands who have seen it; nothing like it in uniformity and beauty ever having been seen before. The cut shows the exact appearance of the long smooth, white, well-filled heads. Every kernel is guaranteed uniform and correct to type.

This, like all other wheat grown in California, is a Winter wheat and should probably be generally treated as such, and will, no doubt, thrive better in new localities after it becomes acclimated by one or two season's growth.

The quantity now on hand is extremely small compared with a most surprising and wholly unexpected demand for it; *no large lot can be supplied to any one.*

For such valuable wheat, drilling in rows with hand drills and cultivating between the rows will of course be of great advantage, and *it might be well to save part of your seed for spring sowing in Montana.*

This is a great stooling wheat, and it does not shell out easily in the field."

As will be noted in the above description this new wheat is a California product, and while essentially a winter wheat, Mr. Burbank recognizes the fact that it will be well to test it as a Spring Wheat in the climate of Montana, and we heartily endorse this view. Many of our customers are trying it out both as a Winter and also as a Spring wheat in this section, and we shall be very glad to receive full reports of the results obtained in different localities under varying conditions.

We are offering for the first time, Montana Grown Stock of this Seed. The plot from which our supply came, produced 622 lbs. from a seeding of 6 lbs., or at the rate of **OVER 100 BUSHELS TO THE ACRE.** and weighing 63 lbs. to the bushel. **PRICE OF THE NEW BURBANK WHEAT—Per lb. F.O.B. Helena \$3.00**

Order early—as all orders will be filled in strict rotation in the order of their receipt, and when the limited supply we have been able to secure is exhausted, it will be impossible to secure any more this season.

ATTENTION

Don't fail to put in a few acres of corn this year for Fodder. At this writing the outlook for irrigating water is not the best ever. Use foresight and provide yourself with Fodder. Should there be a short hay crop you will never regret it. Any of the Corns listed on Pages 108-109 will answer although if for Silo or strictly fodder purposes, the Fodder Corn listed will be the proper kind to use. This crop will also put your land in excellent condition for permanent crops the following season.

FIELD CORN

(15 lbs. will plant an acre in hills, 30 to 40 lbs. drilled for fodder.)



Extra Early

NORTHWESTERN DENT CORN

The earliest Dent Corn in the World—Tremendous Yields. Strictly a High Altitude Corn—The Great Corn for the Northwest.

(SMOKY DENT)—Northwestern Dent can be relied upon year in and year out to produce a larger yield, better Corn and mature more evenly than any other of the extra early corns.

It is the earliest and hardiest Dent corn grown and can be depended upon to mature every season in the Dakotas, Northern Minnesota, and Montana, even when all other corns fail. The stalks grow about 7 feet high and the ears are borne over 3 feet above the ground, allowing the use of a corn harvester. The ears are of good size, from 7 to 10 inches long, have a thin cob and 10 to 14 rows of very deep, large kernels of red color with a yellow cap of slight variation. To some, the color is objectionable, but it must be taken into consideration that in most parts of the Northwest this is the only variety upon which the grower can depend to ripen, and it is far better to have corn, even though red in color, than no corn at all. Northwestern Dent is a very productive variety; it has often harvested 75 to 85 bushels per acre; it matures in 75 to 85 days, according to the season.

FOR FODDER PURPOSES

Grown for fodder purposes, Northwestern Dent ranks exceptionally high. Its earing proclivities are enormous, both ears and stalks being extremely juicy, succulent, nutritious and live stock of all description give it stated preference.

ADAPTABILITY

Northwestern is strictly a high altitude Corn. It is peculiarly adapted to cold, adverse soils, thriving, maturing and making big yields when others fail. It accepts almost every condition of soil. It is generally conceded to be the best variety to grow when in doubt.

PEDIGREED SEED STOCK

Our Seed Stocks of Northwestern are exceptionally choice, rack dried, plump, bright, hard and fully matured.

MINNESOTA No. 23

Considered by Many the Earliest Yellow Dent Corn Grown.

A very valuable variety for the north. This corn was originated a few years ago by the Minnesota Experiment Station. Compared with other early varieties planted at the same time, Minnesota No. 23 matured about the same date as Northwestern Dent and about 10 days earlier than Minnesota No. 13.

The ears are from 7 to 7½ inches long, have 12 to 14 rows of medium sized kernels which are of light yellow color with a white cap and have a smooth surface, they cover the thin red cob very closely, without any open space between the rows. The stalks are 6 feet high, very short jointed, and leafy. Although the ear is not very long, this is, nevertheless, a very productive variety as there are generally two or more ears grown on every stalk and the corn being very small, can also be planted closer together than other varieties, so that quite a large yield per acre can be secured. It can be depended upon to produce a good crop in short, unfavorable seasons and it also excels in its ability to resist unfavorable conditions of weather and soil.

MINNESOTA WHITE DENT

The earliest pure white dent corn, maturing in 75 to 85 days, fully as early as Northwestern Dent, adapted for North Dakota and Montana. Yields much larger crops than yellow varieties, equally as early, and should be planted on poor and thin soils and also on cold and wet ground where it will thrive when other corns fail. The ears are of good size, usually 8 inches long; the kernels are long and deep, growing very compactly around the cob. The stalks average about 6½ feet in height, have large and heavy foliage, making an unusually fine fodder. Under aver-

age conditions the yield of Minnesota White Dent is 75 bushels and over per acre.

RUSTLER WHITE DENT

This variety originated many years ago in South Dakota and is largely grown in our Northwestern states. Matures in 90 to 95 days. The average height of stalks is 7 feet. Average distance from base of ear to the ground, 3½ feet. Ears are large, 14 to 18 rowed, and closely filled with large, deep white kernels. This corn is admirably adapted to the northwestern climate. It yields fully as big a crop as any yellow dent. There is no better and more productive variety of White Corn grown in the Northwest which is as early as Rustler White Dent. It is a bigger yielder and the ears are more uniform in size and shape than can generally be purchased elsewhere.

MINNESOTA NO. 13—Extra Early Yellow Dent—The commanding points of excellence which will place Minnesota No. 13 Corn at the head of all Yellow Dent varieties for northern planting are: Its clearness, its productiveness, its adaptability to a great variety of soils and climates. The ears average eight inches in length and are borne usually two on a stalk. Minnesota No. 13 thoroughly matures in 90 days when planted on favorable soil and in good location, but 95 to 100 days places it out of danger under average conditions.

FLINT CORN

North Dakota White Flint—A Pure Pearly White Flint Corn, recommended very strongly for Montana farmers by Mr. M. L. Wilson of the Montana Agricultural College. This corn is the result of careful selection from the Old Squaw Corn for many years. Average height of stalk 5 feet, average distance of ears from the ground 1½ feet, average length of ear 8 inches.

SQUAW OR RAINBOW FLINT.

Extremely early and of dwarf habit. Ears are 7½ inches long, 8-rowed and of bluish color.

FODDER CORN

Most Economical, Earliest Feed Crop Grown

Corn, by virtue and virtue alone, of its wonderful economic and feeding value, has established itself as the cheapest fodder in the world.

It is the one crop of all crops—in dry or wet, warm or cold weather, that can be depended upon to give large yields of rich, sugary, succulent, nutritive feed.

In many respects Fodder Corn is in a class distinctly its own, standing out as the savior of winter feed, now the foremost ration of the great west, made world famous with the introduction of the silo.

No first-class farmer—up to the times, wide-awake—allows a season to go by without planting from 3 to 10 acres in Fodder Corn. Use Fodder Corn in preference to hay, when the hay market is reasonably high, dispose of your hay and use fodder, because fodder corn can be grown for about one-fifth of what hay can; does splendidly for silos; and another thing, if you get such rich, luxuriant fodder corn as we offer it is almost as good, yes, many farmers say better, than the best hay, for cattle.

YELLOW FODDER CORN—
WHITE COB FODDER CORN—
RED COB FODDER CORN—
GIANT FODDER CORN—

FOR PRICES SEE RED INSERT—PAGE 80.

SEED POTATOES



Netted Gem.

Netted Gem—25 lbs., 90c; 50 lbs., \$1.50; 100 lbs., \$2.50, by express or freight at purchaser's expense. Write for prices in large quantities.

Our stock of these potatoes is exceptionally good—all hand sorted—selected seed. We find this variety the most popular of any grown in Montana, and in great favor with all growers on irrigated land. It is in great demand by eastern consumers in Omaha, Kansas City and St. Paul. A ready market at top prices is always available to the grower. It is a smooth shallow eyed potato, very uniform in size and a good baker. The peculiar russet coat renders it easy to keep, a pure stock and is of wonderful value as a protection from bruises from shipping. We strongly recommend this potato to our customers.



MILLION DOLLAR

MILLION DOLLAR—(Howard Elliott)—25 lbs., 90c; 50 lbs., \$1.50; per 100 lbs., \$2.50 at purchaser's expense by express or freight. Write for prices on large quantities.

A wonderful yielder, and one that has proved a veritable gold mine to the potato growers of Montana. It is a white potato, of good size, thin but tough skin, a splendid keeper, has no tendency to sprout too early when properly cared for, is most delicious when baked, and also a good potato for boiling. Especially adapted to irrigated lands, where its yield is phenomenal. Write for prices on large quantities stating quantity desired.



EARLY OHIO

EARLY OHIO—25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75; by freight or express at purchaser's expense.

This is a well known early variety, a good keeper and is grown most extensively for the market in all sections of the country.

EARLY SIX WEEKS—25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75, by express or freight at purchaser's expense.

This is a well known early variety, a good keeper and is grown most extensively for the market in all sections of the country.



ROMAN BEAUTY

ROMAN BEAUTY—25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75, by express or freight at purchaser's expense.

We have given this potato a thorough test on our trial grounds for the past four years, and it has proven itself well worthy as a market variety for Montana. It is very smooth Potato with eyes so shallow that it appears to be without them. Is a splendid baker, and is one of the best all round potatoes we have found for this section. Our supply of this fine variety is very limited, and intending purchasers will find it to their advantage to order early, before the stock is exhausted.

NORWEGIAN or SWEDISH POTATO—10 lbs., F. O. B. Helena, \$1.00. Only 20 lbs. to a customer. 20 lbs., \$1.75.

This is a smaller type than the ordinary varieties of Irish Potato, and is especially suited for high altitudes, ripening early and being especially hardy. Requires but a short season to mature. Order early—supply is limited—and many of our customers were disappointed last season on late orders.

Write for Prices on Large Quantities Stating Quantity Needed.

POULTRY FOODS and REMEDIES.

WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM



Pratt's Baby Chick Food

Should be fed the first three weeks. It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food. Price 2½ lb. package 40c; 5½ lb. package, 75c; 14 lb. bag, \$1.75; 25 lbs., \$2.85. If wanted by mail add postage.

Pratt's Poultry Regulator

Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. It builds up vitality and stimulates egg production. Poultry Regulator is used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance. Price 26 oz., 30c; 4 lbs., 60c; 12 lb. sack, \$1.35; 25 lb. pail, \$2.70. If wanted by mail add postage.



Pratt's Lice Killer Powder

OR EGG PRODUCER

One of the most perfect lice killers especially valuable for use on young chicks and setting hens. It rids horses, cattle, hogs, dogs and cats of lice, also ticks on sheep. It is thoroughly effective as a destroyer of vermin and absolutely harmless to the chick.

Price, 1 lb., 30c; postpaid 35c; 2 lbs., 60c; postpaid 65c.

Pratt's Head Lice Ointment

Thousands of little chicks are killed each year by head lice. Pratt's Head Lice Ointment is a carefully prepared non-poisonous article and is instant death to the murderous lice, while it is absolutely harmless to the little chick. It will pay for itself in saving one chick.

Price, Box 25c postpaid.



Pratt's Animal Regulator

It keeps horses well and strong, improves their wind and makes their coat sleek and glossy. Cows give better milk and their calves are strong and healthy, and steers fatten in half the time.

Price: 25c, 50c and \$1.00 packages.

12 lb. pails, \$1.75; 25 lb. pail, \$3.00.

If wanted by mail add postage.

Healing Ointment

Injuries of any kind are healed naturally and permanently, and pain quickly relieved by applying Pratt's Healing Ointment. Sores, cuts, scratches, wounds, burns, barbwire cuts, as well as skin eruptions, eczema and itching are quickly cured. Corns, harness and saddle galls disappear in short order. You should have this ointment handy at all times. Price, box 30c, postpaid.

THE PERFECT MILK SUBSTITUTE.



Good to the last drop



Pratt's Chicken Cholera Remedy

Cholera creates a continuous and violent desire for water. For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls this remedy is excellent. As cholera is very contagious it should be kept on hand by every one who raises little chicks. Price, 25c and 50c, postpaid.

White Diarrhoea Remedy

This is one of the greatest chick life savers ever put on the market. Thousands and thousands of little chicks die each year from the fatal white diarrhoea. It carries off from 60 to 75 per cent of all chicks hatched. Pratt's White Diarrhoea Remedy in the drinking water kills the specific organism which causes the disease, and saves the hatch. Used as a preventative when hens are laying, because it will prevent this deadly organism from developing in the egg. If a hen is used for hatching give her Pratt's White Diarrhoea Remedy in the drinking water so there will be no chance of infection from droppings. This is preventive treatment.

Price 25c and 50c, postpaid.



Pratt's Roup Remedy

This wonderful remedy is used in every civilized country in the world. The reason is it cures. For fowls that sneeze, gasp and wheeze, also having a watery discharge from the nostrils and eyes. It prevents colds and is excellent for turkeys. Pratt's Roup Remedy will save your fowls and make them profitable.

Price 25c and 50c postpaid.

Pratt's Healing Powder

A guaranteed antiseptic powder that forms a healthy dry coating over wounds and keeps out the cold. Just the thing for harness galls, sores, cuts and scratches. A valuable remedy for home use.

4 ounce sifting top enameled can, 30c postpaid.

Pratt's Cow Remedy

Cow tonic, increases the milk supply and makes it rich in butter fat. Cow tonic enables the cow to turn more of the feed into milk and keep up the full flow for a much longer period. It is a positive remedy for scours.

Price: 1 lb., 25c; 2 lbs., 50c; 12 lb. pail \$2.00.

If wanted by mail add postage.

Pratt's Poultry Disinfectant

This disinfectant is a real wonder worker in the poultry yard. A sure deodorizer, germicide and liquid lice killer. Best disinfectant on the market today.

Price: Quart, 50c; ½ gal., 90c; gal., \$1.50.



Liquids Can Not Be Sent by Parcel Post.

Blatchford's Calf Meal

(100 lbs makes 100 gallons of perfect milk substitute at one-third the cost.)

Just the thing to raise your calves right from birth. Sell your milk and get the benefit of the high creamery prices. It is absolutely the only milk substitute. When mixed with skim milk or water to the proper consistency is very similar to milk and contains all the elements of milk necessary for rapid and healthy growth, being successfully used all over the country by farmers who believe that milk is too valuable to feed. Calf Meal fed chickens are acknowledged to be the best quality of meat, are ready for the market earlier, bring the highest prices at less than half the expense of feeding milk. Customers say that it is the best thing for feeding calves and chickens they have ever used.

Price: 25 lb. sack, \$1.85; 50 lb. sack, \$3.45; 100 lb. sack, \$6.75.

Ask for booklet and learn how others made big profits.

Prices subject to change without notice.

The Standard Inoculation
FARMOGERM
High-Bred Nitrogen Gathering Bacteria.

WHAT FARMOGERM IS:

Farmogerm is a pure culture or growth of nitrogen-fixing bacteria that have been selected and bred up to transform large amounts of nitrogen from the air into soluble nitrates. These bacteria are grown in a jelly, or food, in which they remain active for long periods of time, and sent out in a bottle which admits the necessary supply of pure air, yet keeps out destructive contaminants. If alfalfa can be grown on hot, sandy land of South New Jersey, why can't you grow it?

WHAT FARMOGERM WILL DO:

Unless the soil is very acid or wet, Farmogerm will:—

1. Increase the yield and quality of legume crops, giving quicker growth and earlier maturity.
2. Increase the food value of legumes.
3. Make legumes grow in new localities where they cannot otherwise be grown successfully.
4. Supply nitrates to other crops growing with the inoculated legume crops.
5. Enrich the soil for future crops, thereby increasing the permanent value of the farm. Better crops—better soil—less fertilizer—less labor.

Increased Crops are a well established certainty in all instances where inoculations are used together with proper culture methods. Not only is the crop increased in weight, but in its richness. The United States Department of Agriculture Bulletin No. 71, substantiates these statements, why not increase your farm yields without extra labor and at practically no extra cost?

Fertilizer Values of well-inoculated legumes have long been determined. It is shown in Bulletin No. 71, issued by the United States Department of Agriculture, that tests covering a large part of the country prove that legumes will deposit 1,000 lbs. of nitrates per acre. This means that your most expensive commercial fertilizer is absolutely unnecessary when you plant legumes, perfectly inoculated, sown and planted in properly prepared land.

Peas, Beans, Sweet Peas.

Yield earlier, longer and better when treated with Farmogerm. Farmogerm is endorsed by Farmers, Federal and State Agricultural Department and private estates. It is delivered to you in bottles, ready for use. You can inoculate the seed for ten acres in ten minutes.

Cost of Farmogerm.

Extra Farm Size.....	100 Acres
Farm Size	50 Acres
Small Farm Size.....	5 Acres \$7.50
Trial Farm Size.....	1 Acre 2.00
Garden Size	¼ Acre .50

ALLCROP FARMOGERM
FERTILIZING BACTERIA

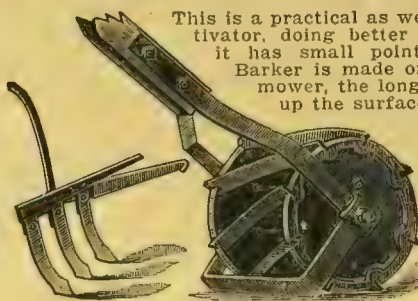
Allcrop Farmogerm will aid in increasing the yield of any crop, and enriching the soil. This is furnished in a dry powder form, and contains over 37 strains of Bacteria, and will inoculate any legume crops. ALLCROP FARMOGERM also contains bacteria which fix nitrogen in the soil independently, therefore it is

GOOD FOR ANY CROP.

Garden size, ¼ acre (Postpaid).....	75c
One Acre Size Can (Postpaid).....	\$2.00
Five Acre Size Can (Postpaid).....	\$7.50

The addition of nitrogen to the soil by inoculation of legume seed, is estimated where the system has been practiced for years, to be 200 lbs. per acre. The estimate of the U. S. Department of Agriculture compiled from 16 states in the same treatment is 122 lbs. of nitrogen per acre, equivalent to fertilization with 800 to 1000 lbs. of Nitrate of Soda per acre.

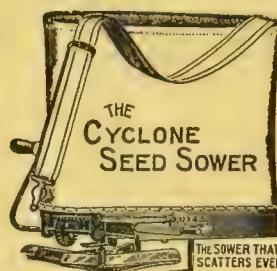
Baker Weeder and Mulcher



This is a practical as well as up-to-date hand cultivator, doing better work than many others; it has small pointed shoes or hoes. The Barker is made on the principle of a lawn mower, the long revolving blades working up the surface of the ground thoroughly cutting weeds and separating them from the soil, so that they are easily destroyed. More effective, as no weeds can be missed and a fine mulch is left over the surface of the ground, which prevents the evaporation of the moisture.

Each machine is fitted up with leaf guards and tooth attachments. The ½ cut is the standard size for onion sets and ordinary market garden crops. The 6-inch is for lettuce and crops that are planted in close rows.
No. 6 D. Complete with all attachments, 6 inch.....\$4.50
No. 8½ D. Complete with all attachments, 8½ inch..... 5.00

Cyclone Seeder, Corn and Potato Planters



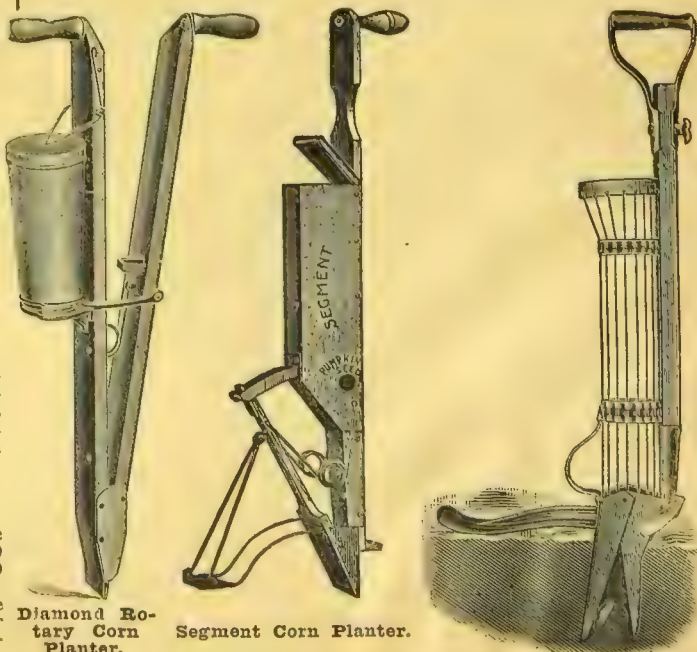
CYCLONE SEEDER—Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizers—a Cyclone will pay for itself in three hour's work. Because its absolutely even distribution will make three bushels do the work of four. Each, \$2.00 (Postpaid)\$2.15

POTATO PLANTER—A light tubular planter. Its spring-closed jaws are especially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. The conveyor tube is galvanized iron. Price, \$1.75; (Postpaid)\$1.90

DIAMOND ROTARY CORN PLANTER—The Diamond is the most perfect Rotary Corn Planter on the market. Has four discs, one especially for Broom Corn and seeds of that class. The Diamond has Rotary drop, and works perfectly. Highly recommended. Price, \$2.50; postpaid\$2.85

ACME CORN PLANTER—Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. It is well made, strong, durable, reliable and gives universal satisfaction. Each, \$1.50; (Postpaid)\$1.75

SEGMENT CORN PLANTER—(See illustration). An all metal planter which is operated by a string with the foot, strong, reliable tool. Each, \$2.00; (Postpaid)\$2.25



Diamond Rotary Corn Planter.

Segment Corn Planter.

Potato Planter.

INSECTICIDES, ETC.

PARIS GREEN—(Old Style)—Most effective Potato Bug Killer known; sure death to all insects which eat foliage. Put up in sealed packages. Use 1 oz. to 3 gallons of water or 1 lb. to 50 for Potato bugs, or 1 oz. to 6 gallons of water, or 1 lb. to 100 for spraying trees. Write for prices.

ARSENATE OF LEAD—(Dry Powders)—This material contains from 31 to 33 per cent arsenic—the killing agent. Being light and fluffy it stays in suspension and covers the foliage evenly. Its adhesiveness is unsurpassed. Growers appreciate its convenience, safety and economy. $\frac{1}{2}$ lb., 35c; 1 lb., 65; 5 lbs. \$3.00; 10 lbs. \$5.50.

ZINC ARSENATE—This is of great value in spraying apple and pear trees to control Tussock Caterpillar and other insects. Is rapidly taking the place of Paris Green and does not wash off. May be used for either dusting or spraying. 10 lbs. \$5.50; 25 lbs., \$13.75; 50 lbs., \$25.00; 100 lbs., \$45.00.

FOR PRICES NOT QUOTED—SEE PAGE 30.

"BLACK LEAF 40"

Nicotine Sulphate—40% Nicotine

This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

May be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You can not go wrong by ordering "Black Leaf 40" for sucking insects.

PRICES:

1 oz.—\$0.25—makes 6 gallons spray
 $\frac{1}{2}$ lb.—0.75— " 40 to 120 gals. spray
 2 lb.—2.50— " 160 to 500 " "
 10 lb.—10.75— " 800 to 2500 " "



SHEEP AND CATTLEMEN—NOTICE—Write us for special pamphlet on Black Leaf 40. Helpful suggestions for curing Scabies, Killing Lice and Sheep Ticks.

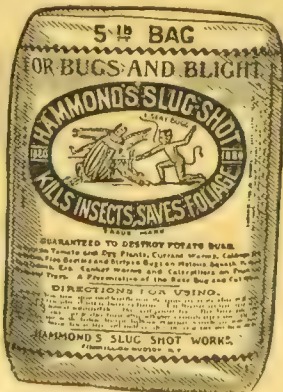
LAMP AND FUMIGATOR for using Nicotide in fumigating, complete (Postpaid)65c

"NICO-FUME" LIQUID—A highly refined solution of "free" nicotine guaranteed to contain 40 per cent of nicotine. For Spraying: Against Green Aphis, Thrips, etc., one to two teaspoonfuls of "Nico-Fume" Liquid to each gallon of water is usually found very effective. For Fumigating: One ounce (two tablespoonfuls) of "Nico-Fume" Liquid to each 4,000 cubic feet of space furnishes a strong fumigation. 1 lb. can, \$1.50; 4 lb. can, \$5.50; 8 lb. can\$10.50.



TREE TANGLEFOOT—The best remedy against Caterpillars and all tree crawling insects. Will remain sticky for three months. (Postpaid) 1 lb., 45c; 3 lbs.\$1.15

SLUG SHOT—(Hammonds)—An old reliable remedy for destroying Potato Bugs, Cabbage and Canker Worms, etc. Put up in powder form with full directions. (Postpaid), 1 lb. perforated can, 25c; 5 lb. pkg., 75c; 10 lb. pkg.\$1.35



Liquids and Poisons Cannot Be Sent by Parcel Post. By Express or Freight Only.

HAMMOND'S WEED KILLER—The method of killing weeds thoroughly by application of this liquid has become general. It is a great labor-saver. It is to be used only on paths, drives, gutters and places where no growth is wanted. Best time to apply is after rain, while the ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 20 gallons of treating liquid, sufficient to cover 100 square yards of surface. Price, 1 quart.....60c

GRAPE DUST—(Hammonds)—For use on Vegetables, Roses and Grapes. On Lettuce and Cauliflower in the forcing house, against mildew of the grape onion, inert rust mite on the orange. Rust or mildew on parsley, muskmelons or other plants. "Grape Dust" is a practical and usually effectual remedy. It has been used 25 years, 5 lb. pkg. (Postpaid),85c

CHLOROLEUM—For destroying Chicken Lice, Bed Bugs, Ants and other insects. To destroy Ants use one quart Chloroleum to 30 parts water and pour in their nest after sundown. Per Quart can, with directions75c

LIME SULPHUR SOLUTION—An Insecticide recommended for the eradication of scale. Spray early in spring before the foliage opens. 1 Qt. can, 30c; $\frac{1}{2}$ Gal., 50c; 1 Gal.....75c



VEGETABLE SPRAY

CARCO-VEGETABLE SPRAY—

A wonderfully effective spray for destroying grubs, maggots and worms which infect TURNIPS, RADISHES, BEETS, CAULIFLOWERS, CABBAGE, ONIONS, etc., and highly recommended for use in combatting CROWN BORERS in strawberries. The root maggot, as well

as the strawberry crown borer, is hatched from an egg deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Half pint, 30c; Pint, 50; Quart, 75c; Half Gallon, \$1.25; Gallon\$2.00

TOBACCO DUST—For dusting plants affected with Aphis; also used on squash vines and melons; and now largely used for fumigating. (Postpaid), 1 lb., 20c; 5 lbs.75c

FISH OIL SOAP—For Aphis and all insects which suck. This soap dissolved 3 oz. in 1 gallon of war water is very effective. (Postpaid, $\frac{1}{2}$ lb., 20c; 1 lb.35c

FLY CHASER

(New Improved)

Why let your animals suffer needless torment from flies all summer long? Your cows waste time when standing in the pond or rushing through the underbrush trying to escape the constant torture of flies, mosquitoes and other winged pests. Your horses will do more work when relieved from fighting flies and save your time and trouble. Fly Chaser does not injure hair or animal when used as directed. Fly Chaser should be used in every stable and every barn. Price— $\frac{1}{2}$ gal., 90c; 1 gal., \$1.50.

Liquids Cannot Be Sent by Parcel Post.

KEROSENE EMULSION (Liquid)—For cabbage worms, Scale, Aphis and Lice such as infest rose and fruit bushes, vegetables and trees. Dilute 1 part to 20 parts of water. Per quart.....75c

BORDEAUX MIXTURE—Used principally for Mildew, Blight and Fungus diseases of all kinds. $\frac{1}{2}$ lb., 25c; 1 lb., 40c.

DUSTING SULPHUR—Prevents Mildew, and is a summer dust spray for insects and fungus diseases. $\frac{1}{2}$ lb., 10c; 1 lb., 20c; 5 lbs. 75c; 10 lbs. \$1.20.



BOWKER'S PLANT FOOD—The original odorless house plant food manufactured in the U. S. Packages contain sufficient plant food for 30 plants for three months. 4 oz., 20c; 12 oz., 40c. (Postpaid) 4 oz., 25c; 12 oz., 50c.

RED SNAPPER PLANT

FOOD—This comes highly recommended by many users—for all classes of plant growth. 2 lb. pkg., 50c; (Postpaid) 65c; 5 lb. pkg., \$1.00; (Postpaid) \$1.20.



BONE MEAL—A well known fertilizer, for all purposes, safe and effective. 1 lb., 10c; 3 lbs., 25c; 10 lbs., 65c; 50 lbs., \$2.60; 100 lbs., \$5.00.

SHEARS

- GRASS SHEARS**—(Superior—A good article at a low price, per pair, 45c; postpaid50c
- GRASS SHEARS**—(Hartford)—Tool steel, the best that money can buy; per pair, 90c; postpaid\$1.00
- GRASS HOOKS**—Little Giant, new style, 12-inch blade.....75c
- HEDGE SHEARS**—(English)—Long handle, 8 in. blade, per pair, \$3.00; 9 in. blade, per pair.....\$3.75
Useful in trimming shrubs, small bushes and trees; also preferred by many for edging lawns and beds.
- LOPPING SHEARS**—Per pair\$1.25
Long handles, used for cutting back small trees, shrubs or bushes.
- HIGH GRADE PRUNING SHEARS**—For Vineyard and other pruning. No. 9-S 60c; No. 9-SC, 75c; No. 8-NC, \$1.50.
- WATERS TREE PRUNERS**—with removable cutting blade and ple complete. Each, 6 feet, \$1.50; 8 feet, \$1.75; 10 feet, \$2.00. Waters Pruners can not be sent by parcel post.
- 7438 CULLING SHEARS**—6½ inch.....75c

HOSE

This season sees what to many will appear an innovation in the size of hose for ordinary garden use. Exhaustive tests have proven that ¾ inch hose is more practical than ½ inch hose for ordinary standard conditions. The fact that the ordinary standard service pipes are but ½ inch, and that the ordinary bibb or faucet to which the hose is attached, has but an ½ inch outlet or valve opening should convince anyone that it is good policy to use a ¾ inch hose. Also, ¾ inch hose is lighter, and consequently suffers less from abrasive wear in use on concrete and gravel walks than the heavier ½ inch hose, and while costing less, will last longer and deliver, under ordinary conditions, as much water. Another point in its favor is the fact that ¾ inch hose of the same quality will withstand a greater pressure than ½ inch, and can not kink as readily.

ELECTRIC HOSE

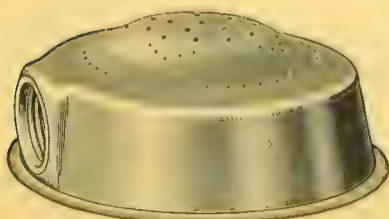


Electric Hose is acknowledged today to be the best Hose that can be procured at any price. It is made from the highest grade materials obtainable, is practically unkninkable, and will give longer life and better satisfaction with proper care than any other make. Look for the sharp corrugations the foot measurements in numerals at every foot length, and the brand shown in the above cut.

All Electric Hose Double Fabric—Corrugated, "Electric" Hose Wears Like a Pig's Nose.

- ELECTRIC HOSE**—½ inch—25 ft. lengths\$5.00
- ELECTRIC HOSE**—½ inch—50 ft. lengths\$9.50
- ELECTRIC HOSE**—½ inch—in and special length desired—by the foot18c
- COUPLINGS**—Per set30c
- ELECTRIC HOSE**—¾ inch—25 ft. lengths\$5.25
- ELECTRIC HOSE**—¾ inch—50 ft. lengths\$10.00
- ELECTRIC HOSE**—¾ inch—in any special length desired—by the foot19c
- COUPLINGS**—Per set—For special lengths.....30c
- MARVELLO HOSE**—Second only to "Electric." All Marvello Hose double fabric corrugated.
- MARVELLO HOSE**—¾ inch—25 ft. lengths\$5.00
- MARVELLO HOSE**—¾ inch—50 ft. lengths\$9.75
- COUPLINGS**—Per set—For special lengths25c
- NIAGARA RED RUBBER HOSE**—¾ inch—in any special lengths desired; per foot20c
- COTTON HOSE WITH RUBBER TUBE**—A well constructed, very light to handle hose, guaranteed to be of first-class materials, ½-inch per 25-ft. length, \$3.00; per 50-ft. length \$5.50
- SENATE COTTON HOSE**—¾-inch 50-ft. lengths.....\$7.50
The Highest Grade Cotton Hose on the market.

LAWN SPRINKLERS



THE SQUARE FOUNTAIN SPRINKLER—The lower holes throw a wide spreading square. From the crow is emitted a volume of smoky mist that is unsurpassed for beauty. It gives an even distribution seldom equaled. It will sprinkle the side of your house, along the walk and reach the edges

without throwing water over the passerby. It is not necessary to sprinkle half the grass twice to get over it, thus covering the ground with the least water. Price, 75c; Postpaid.....85c



- Bordeaux Spray Nozzle**
Each\$1.50
- Eureka Spraying Nozzle**
Each75c
- CRESCENT SPRAYER**—
Each \$1.00; postpaid \$1.10



"TWIN" SPRINKLER—See cut. Made of zinc metal and cannot rust. Will cover the lawn evenly for 16 feet radius. Very popular. (postpaid), each 35c

THE MEG—The best brass nozzle for hand use; will throw a straight stream also fine or coarse spray, recommended by all, \$1.00 Postpaid\$1.10

"HANDY" FOUNTAIN SPRINKLER—Not very big; costs very little; but it sprinkles as much ground as the big ones. It throws all the water away from the hose end, giving a beautiful fountain spray.



No tipping over, just walk up to it and adjust it after the water is turned on. When held in the hand is splendid for sprinkling flowers. The weight of the metal and shape make it proof against hard knocks. Made of heavy No. 22 gauge brass, 4½ inches long by 2¼ inches high, each, 40c, postpaid 45c.



Wilgus No. 1.

"ROSE" SPRINKLER—A good serviceable, low priced sprinkler, throwing the well known rose spray. Works well on either high or low pressure. Each 75c; PP.....80c

"WILGUS" NO. 1—The original Wilgus sprinkler one of the leaders of the type, and one of the best. Works well on all pressures. Each 45c; postpaid, 50c.



Wilgus No. 2.

"WILGUS" NO. 2—The improved Wilgus, with two openings to the water chamber, and throwing a center stream, giving fountain effect at same time as spray. Each 50c; postpaid55c

"EVANSTON" SPRINKLER—This is another stand sprinkler. Will not turn over under pressure. A splendid lawn type, each 75c; postpaid90c

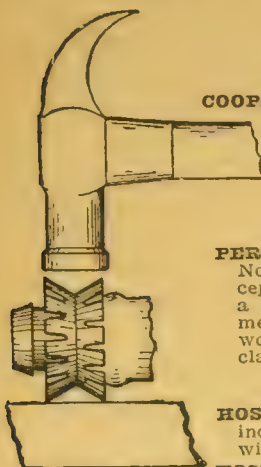


Wilgus No. 21.

"BUSY" SPRINKLER—One of the whirling type, with three arms, throwing a well and evenly distributed spray. Mounted on low stand Each 85c; postpaid95c

"WILGUS" NO. 21—This sprinkler is designed for those who desire a fine rain-like spray, and is one that will not turn over when under pressure each \$1.00; postpaid \$1.10

All Lawn Sprinklers and Hose Nozzles are Standardized, and fit, no matter what size the hose is.



HOSE MENDERS

COOPER HOSE MENDERS — (Brass) — For joining a broken hose cut through, insert the mender and wire on both ends. For either $\frac{1}{2}$ inch or $\frac{3}{4}$ inch hose. Each10c

HOSE MENDER—(Galvanized Iron) Used same way as above; $\frac{3}{4}$ inch. Each10c

PERFECT CLINCHER HOSE MENDER— No wiring, no screws, no tools needed except a hammer; no obstruction in the hose; a boy can use them and make a perfect mend; a one-piece article which does the work of the mender and tube and two clamps ordinarily used.

Price, $\frac{1}{2}$ inch.....15c

Price, $\frac{3}{4}$ inch.....15c

HOSE BANDS—(Brass) in $\frac{1}{2}$ inch or $\frac{3}{4}$ inch, for fastening the hose to a coupling with nut and screw, each5c

HOSE WASHERS, Per doz.....10c

HOSE COUPLINGS

HOSE COUPLINGS—(Brass) in $\frac{1}{2}$ inch or $\frac{3}{4}$ inch sizes. Per pair, 30c; postpaid,35c

"PERFECT CLINCHING" HOUSE COUPLING—All brass—self-fastening. Slip it in the hose and hammer down—that's all. A self-fastening coupling that does not require extra bands,

bolts, or wires. It adjusts itself to any thickness of hose. A fixed hold—it will not pull off. It cannot turn within the hose, a great gain over other couplings. A smooth joint with no projecting parts. A perfect joint that cannot leak. Requires one tool—a hammer. The finger ends come down directly behind the head, buckling the hose over the head



PATENTED 1910

and clamping it down tight; pressure tends to set the head more solidly into the rubber—the harder the pressure the tighter it gets. It makes the same point with the hose as the Perfect Clinching Mender. The tough brass in the clamping fingers permits taking off and using again. Made of heavy wrought brass in $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ inch sizes. Strong and durable at every joint. Price, each 30c; postpaid35c

GARDEN REELS

GARDEN REELS—For using with a garden line; very handy tool. Each, 75c; (Postpaid)90c

GARDEN LINE

GARDEN LINE—Strong, braided jute line, 100 ft. lengths.....80c

GRAFTING WAX

GRAFTING WAX—Prepared wax for grafting, $\frac{1}{2}$ lb., 10c; $\frac{1}{2}$ lb., 20; 1 lb.....35c

GLAZING POINTS

GLAZING POINTS—Van Reyper's; the new point for glazing sash, etc. Per 1,000.....15c

PRUNING PAINT

PRUNING PAINT—You will find paint much more effective in stopping "bleeding" of the sap after pruning trees, shrubbery, etc., than tar and other mixtures sometimes used. It is also more convenient to use and more satisfactory in every respect. It effectually seals the surface and will not wash off with the weather. Pruning Paint is also an excellent preventive of worm boring. It is prepared ready for the brush.

1 quart can60c

RAFFIA

RAFFIA—Useful material for tying plants; also used for basket making. Per lb., 60c; (Postpaid),70c

TROWELS



211.

211. Forged Steel Garden Trowel, blade and shank are made of one piece of steel, being forged out in the same way as masons' brick trowels. A stout, strong, trowel, suitable for the hardest work.

Price, 6-inch blade, each 60c; (Postpaid).....70c



212.

212. Solid Steel, Garden Trowel, made of one piece heavy sheet steel, the shank and blade being one piece; a good strong trowel for family use; finely polished.

Price, 6-inch blade, each 40c; (Postpaid).....50c



213.

213. Made of cold rolled steel, bright blades, malleable iron shanks firmly riveted. The blades will not pull off the shanks.

Price, 5-inch blades, each, 25c; (Postpaid).....35c
Price, 6-inch blades, each, 30c; (Postpaid).....45c



214.

214. English pattern, extra heavy Garden Trowels; shanks riveted on blade with extra long rivets; blades finely polished; a very fine article.

Price, 6-inch blades, each, 25c; postpaid35c



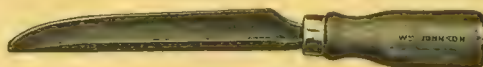
215.

215. English pattern, extra heavy, riveted by the new method. Price, 6-inch blades, each 30c; postpaid35c



216.

216. Ladies' Flower Trowel. Riveted by new method. Price, 6-inch blade, 15c; (Postpaid)25c



217.

217. Transplanting Trowel—the blade and shank of this trowel are made of one piece of heavy sheet steel. Excellent for lifting and setting out plants and seedlings.

Price, 5-inch blade, 15c; (Postpaid).....25c
Price, 6-inch blade, 20c; (Postpaid).....30c

216A—Broad Bladed Bulb Trowel, each.....\$1.00
2120—Long Handled Trowel. Each, 60c; (Postpaid).....70c

WEEDERS



GARDEN WEEDER WITH RAKE—A short-handled tool, very handy for flower garden. Each, 25c; (Postpaid)35c



LANG'S HAND WEEDER
HANDIEST TOOL ON EARTH.
DIBBLES—No. 219—Bent wood handle with iron point; usual size, handiest tool ever made for transplanting cabbages, etc. Each, 50c; postpaid60c
DIBBLES—No. 220—"D" handle straight iron Dibble. Price, each 50c; postpaid60c

LANG WEEDER—One of the handiest tools yet devised for weeding and thinning out. Each25c
Postpaid35c



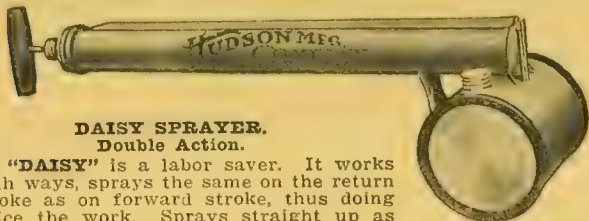


SPRAYERS

THE "PERFECTION" SPRAYER—The strongest and most powerful Sprayer made. Perfectly simple; simply perfect. This Sprayer is considered one of the strongest and most powerful of the high pressure class. The barrel is 7½ inches in diameter and 20 inches in height. The hose is 5-ply cloth inserted. Nozzle is of the Automatic type. Capacity of tank four gallons. Weight 9½ lbs. This Sprayer will handle Whitewash, Water, Paints, Bordeaux Mixture with equal facility. For very heavy liquids use the extra nozzle cap which is furnished with the sprayer. May be used with extensions—which come in two 18-inch pieces. One or both may be used. Furnished in Galvanized steel. Price\$8.00

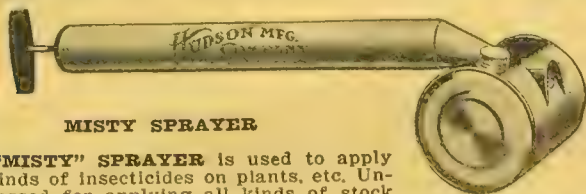
THE "SUCCESS" SPRAY PUMP—This pump has brass air chamber in the stock and is furnished with Bordeaux Nozzle which throws continuous stream, or fine or coarse spray. Price, as illustrated, with 3 ft. hose, \$5.75; (Postpaid)\$6.00

THE "PERFECT SUCCESS"—The best Bucket pump ever manufactured. The special foot rest clamps bucket and pump solidly together and a sliding ring on the cylinder secures the bail so that the outfit may be carried in one hand. Four feet of hose and Bordeaux Nozzle is furnished. Price complete, with 4 ft. hose, \$6.25; (postpaid), \$6.50; 7-foot extra section of hose for Success or Perfect Pumps with couplings and pole holder, \$1.75.



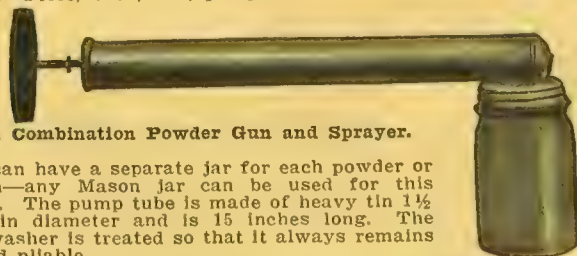
DAISY SPRAYER.
Double Action.

THE "DAISY" is a labor saver. It works both ways, sprays the same on the return stroke as on forward stroke, thus doing twice the work. Sprays straight up as well as down, a valuable feature in spraying poultry houses, etc. It speaks for itself, and needs no further description; is made with galvanized tank and holds 1 quart. Price, each \$1.15; postpaid\$1.25



MISTY SPRAYER

THE "MISTY" SPRAYER is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses, also for disinfecting poultry houses, barns, etc. Made of good tin and holds 1 quart. Price, each, 85c; postpaid95c



A Combination Powder Gun and Sprayer.

You can have a separate jar for each powder or solution—any Mason jar can be used for this sprayer. The pump tube is made of heavy tin 1½ inches in diameter and is 15 inches long. The pump washer is treated so that it always remains soft and pliable.

You Can Blow—Lice Powder, Insect Powder, Cabbage Worm Powder, Flea Powder, Hellebore, Healing Powder, Paris Green; in fact any powder that blows.

You Can Spray—Paris Green solution, Liquid Lice Killer, Disinfectant Bordeaux Mixture, Fly Knocker, Sheep Dip, or medicine of any kind into open wounds or sore. It blows and sprays in any position, up or down.

You don't know of a sprayer that has more genuine use than this. Price, each, 75c; postpaid85c



The principle employed in the "Corona" Hand Duster was awarded the Gold Medal for mechanical efficiency at the Panama-Pacific International Exposition and no other dusting device in its class can approach it for efficiency, ease of manipulation, simplicity and durability.

Price, each \$2.50; (Postpaid)\$2.65
Weight, packed, 3 lbs.

POWDER BELLOWS—This bellows is designed for dusting plants with dry powder and can be held in any direction without wasting powder, can dust under the leaves as well as on top and does not clog. Price, 30c; (Postpaid)40c

GILSON WEEDER



Cuts both ways under the soil surface, destroys weeds, loosens and levels soil, forms a perfect mulch. The gardener works away from the cultivated soil instead of tramping it down, as when working with a hoe, and he does four times the work with half the effort.

The double-edged cutting blade of the Gilson Weeder is of tough, tempered steel; comes in four widths for wide or narrow rows or for light or heavy soil; rake tines 3 inches long; with handle socket fastened by lock nut; 6-foot hardwood handle, smooth finish. (Pat. Jan. 11, 1916.)

3½ inch blade, each.....	75c
5 inch blade, each.....	85c
6 inch blade, each.....	90c

Gilson Scratch Weeders

(Patent Applied for.)



The pointed tines of the Gilson Scratch Weeder are self-cleaning, and do not clog in moist earth; a thoroughly practical and strongly-built little tool for close work.

Five-Point Self-Cleaning Scratch Weeder, size 2¾ inches, with 6-inch black enameled wood handle and ferule; made of semi-steel, galvanized to prevent rust. Price, each, 15c; postpaid.....25c

Seven-Point Self-Cleaning Weeder, size 3¾ inches, with 16-inch smooth oak handle and ferule; made of semi-steel galvanized to prevent rust. Price, each, 30c; (Postpaid)40c

GEM DANDELION RAKE

Self-Cleaning.



Will keep the dandelions off your lawn. Fine blade-like steel teeth. Easy working self-cleaning stripper greatly improves the appearance of lawn and helps the grass, positively cannot tear or injure the sod. 16-inch medium size \$1.75 24-inch large size, with leaf back\$2.25



Excelsior Weeder.

Very popular tool in the flower garden. Each 20c; postpaid, 30c



Planet Jr. Garden Tools



The new "PLANET JR." Catalog is the handsomest, best, and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



No. 4—Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow—Price complete (weight 50 lbs.)\$19.50

No. 4 D—As a Seeder only (Holds 2½ Quarts of Seed)\$15.50

This accurate, durable and easy running tool sows all garden seeds from the smaller up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and mark-

ing out the next row all at one passage. No time is lost. No seed is wasted.



No. 31—Planet, Jr., Combined Drill Seeder and Single Wheel Hoe. Price complete (Packed weight, 32 lbs.)\$13.00

No. 31 D—As a Drill Seeder only (Packed weight, 26 lbs.)\$10.50

This new combined tool is of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision in a

narrow row from ¼ to 2 inches deep. Quickly changed to a splendid wheel hoe. A special machine for the small gardener at a price he can afford to pay.

No. 1—Planet, Jr., Combined Drill, Seeder, Wheel Hoe, Cultivator and Plow—Price\$15.50

Equipment: One pair 6-inch Hoes, 3 Cultivator Teeth, one large Garden Plow and one Marker. This is the old Reliable Planet, Jr., No. 1. Many of these tools have been in constant use for over thirty years, and are still giving good satisfaction. Holds 3 pts., weight (packed), 47 lbs.

Planet, Jr., No. 2—Same as No. 1, as a seeder only. Price.....\$12.75

Planet, Jr., No. 25—Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow—Holds 6½ quarts. Weight, complete, 61 lbs. Price\$23.00
Equipment, one pair 6-inch Hoes, 4 Cultivator Teeth, one pair Plows, two Leaf Guards one Marker. This is a tool for Market Gardeners or large family gardens, where both single and double wheel hoes can be used to advantage. The hopper will hold four pounds of Onion seed.



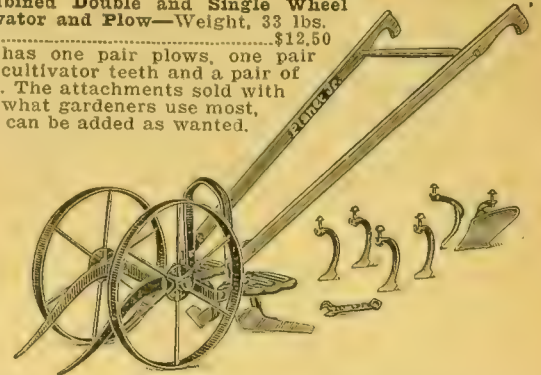
No. 16—Planet, Jr., Single Wheel Hoe—Weight, 26 lbs. Price\$10.50

These Single Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.

No. 12—Combined Double and Single Wheel Hoe, Cultivator and Plow—Weight, 33 lbs.

Price\$12.50

This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters. The attachments sold with No. 12 are what gardeners use most, and others can be added as wanted.



No. 13—Planet, Jr., Double Wheel Hoe—Steel Frame—Price, \$9.00

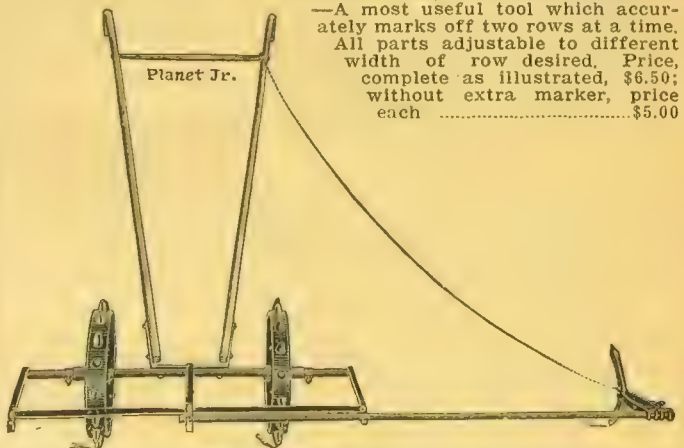
The greatest hand cultivating tool in the world for the onion and small sugar beet grower, and also for every grower of garden and market garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way, where rows are too close for horse work.

No. 18—Single Wheel Hoe—Price, \$6.25. This has one pair of 6-inch hoes only—the tools that are most useful throughout the season. Other attachments can be added as needed.

No. 17—Planet, Jr., Single Wheel Hoe—Price, \$8.75. You can do more and better hoeing with it in one day that you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth; an outfit sufficient for most garden work.

PLANET JR., TWO ROW MARKER

—A most useful tool which accurately marks off two rows at a time. All parts adjustable to different width of row desired. Price, complete as illustrated, \$6.50; without extra marker, price each\$5.00

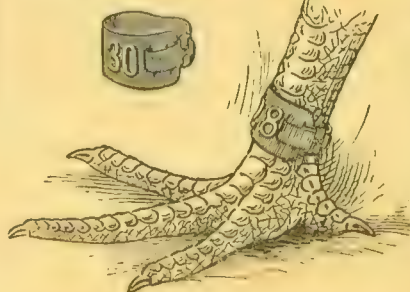


PLANET JR., GRASS EDGER—This is an invaluable adjunct where there are walks bordered with grass, and for use in keeping the edge of the grass on the sides of borders and beds in perfect conditions and alignment. Price, each.....\$9.00

CHAMPION LEG BAND



THE WORLD'S BEST



Improved Champion Leg Band—The oldest and most popular band on the market. This band is made in one piece and is adjustable to fit any fowl. They will stay where you put them. Held by double lock, it is impossible for them to lose off. Made of aluminum. Price, per dozen 15c; 25 for 30c; 50 for 45c; 100 for 80c. Not made in pigeon sizes.



6

*All Articles on this Page Not Quoted Postpaid
Forwarded at Purchaser's Expense.*

Hoes, Rakes, Spading Forks, Etc.

Hartford Solid Steel Bow Rake.

H14LB—14 teeth\$1.20

H16LB—16 teeth\$1.35

Combined Hoe and Rake—4 prong—Long handle.....60c

Cut No. 6 Zenith Garden Rake—5½ foot handle, 13 teeth, \$1.35—15 teeth...\$1.55

Northern King Steel Rake—Double bar head, 5½ foot handle, 12 teeth.....90c

Z A C 3—Zenith Adjustable 3 prong Cultivator—Each.....95c

Cut No. 3W—Superior Weeding Hoe—Each, 60c; postpaid.....70c

Hartford Two Prong Weeder85c

GARDEN FORK—3-tined short handle, very useful tool; strong. Each, 20c; Postpaid25c

Cut No. 1—Zenith Garden Hoe. Solid socket. First quality regular steel. 7½-inch blade; each\$1.30

GARDEN HOE—Solid socket. First quality steel, 6½ inches wide; each...1.15

Cut No. 4—Acme Special Steel Weeding Hoe. 4 1-3 ft. handle; very useful. light tool; 4½ inch blade, each1.10

Gem Dandelion Rake—16-inch\$1.75

Gem Dandelion Rake—24-inch\$2.25

Cut No. 7—Wire Lawn Rake. The best lawn rake known, has twenty-four wire teeth with a twenty-inch metal head; each.....95c

Special Lawn Rake—12 inch—curved saw teeth head, used for cutting Dandelion heads. Each95c

Turf Edger—Special steel socket, 4½ foot handle, polished steel blade; each\$1.25

Cut No. 9—Sod lifter, an indispensable tool when moving sod; each.....90c

Spade—D Handle—Zenith Steel, best made, each.....\$1.95

Hand Spading Fork—A three-pronged, hand forged grip handle garden Spade, which is a very useful tool in flower garden; each, 45c; postpaid50c

Hartford Angular Four-Tined Spading Forks—First quality, polished heavy angular tines, strap ferrules, D handles; each.....\$1.75

Flat Four-Tined Spading Fork—First quality, heavy flat tines, polished strap ferrules, D handles; each\$1.85

Cut No. 8—Warren Hoe—7-inch blade, 4 1-3 ft. socket handle, good for cultivating or irrigating; each.....\$1.00

Dandelion or Dock Cutter—With malleable iron foot rests and 4½ ft. D handles; each75c

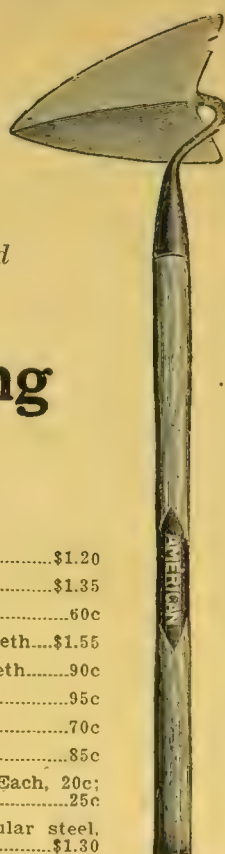
Beet Scuffle Hoe—With 6-ft. handle and 12x2½ cutting blade; each.....75c



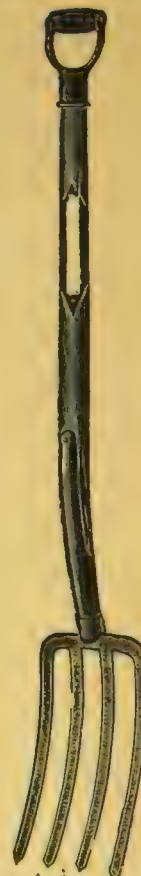
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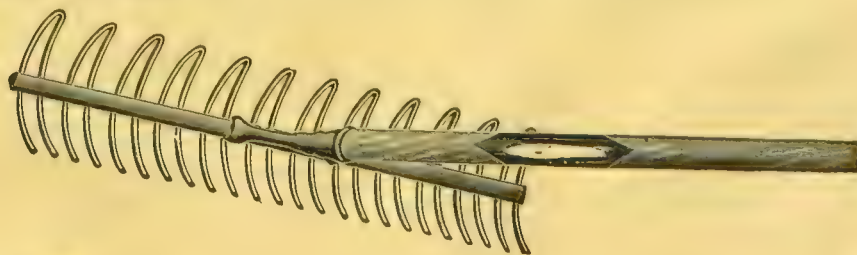
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Hartford 4-tine Angular Spading Fork.



4



7



9



SEED WAREHOUSE

*Located on Great Northern Tracks, Opposite the Great Northern Depot,
Helena, Montana.*



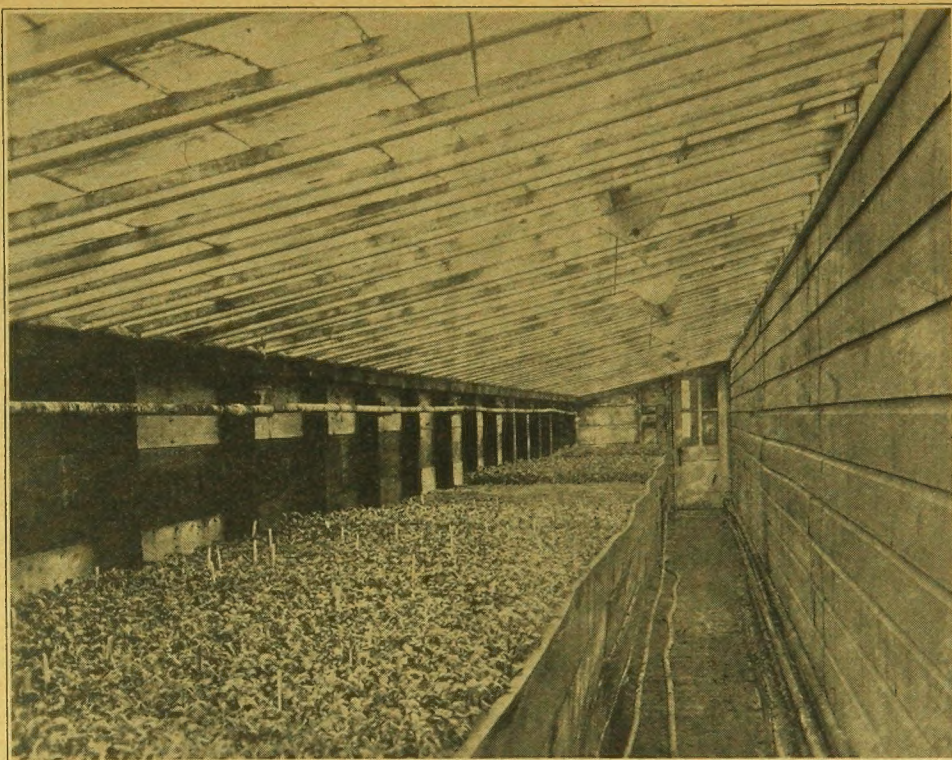
PLOT OF RADISH FOR SEED

SEED GROWING

These two photographs—taken in our seed and trial grounds last season, show the care taken with seed growing. The view on the right is of Pansies—that on the left of a plot of Radish. The reader will note that nothing of any similar nature or family is allowed to be planted within a great distance from a similar family or genus. It is this care, together with conscientious "rogueing" of untrue types, and careful cleaning by experts with the best machinery obtainable, that insures the highest grade of seeds.



PLOT OF PANSIES FOR SEED



A PROPAGATING AND SEED TESTING HOUSE

The above photograph depicts one of our greenhouses, 200 feet long, devoted to the propagation of young stock of various kinds. Here young rooted plants are produced literally by the hundreds of thousands, the first stage in the preparation of many plants for our customers. This house is also used for another important purpose—that of Seed Testing. Every variety of seed sold by us is tested for germination, etc., before being placed on the market, and these records are always available on any particular lot of seeds. It is this care which we invariably take with our goods, which has placed the STATE NURSERY & SEED CO.'S seeds at the head of the list in Montana and contiguous territory.



Winter View—Our Nurseries—at 38° below zero.

The above photograph was taken when the temperature registered 38° below zero. The expert care which our hardy plants and trees receive, combined with the severe weather to which they are subjected render them "frost proof" to a degree unknown to stock obtained from almost any other source.

GENEAL INDEX

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